

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
 Data File : BF140257.D
 Acq On : 06 Nov 2024 15:25
 Operator : RC/JU
 Sample : P4709-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-110424

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140257.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	7	22	rVB	1332735	2117039	75.31%	7.098%
2	2.240	22	25	60	rVB	60465	189309	6.73%	0.635%
3	5.010	489	496	500	rBV6	21623	48095	1.71%	0.161%
4	5.087	504	509	516	rVB	340911	514410	18.30%	1.725%
5	5.299	537	545	549	rBV	49043	80762	2.87%	0.271%
6	5.487	571	577	588	rVB	1790912	2396728	85.26%	8.036%
7	5.575	588	592	596	rBV	36433	47165	1.68%	0.158%
8	5.657	602	606	610	rBV3	20648	28217	1.00%	0.095%
9	5.893	641	646	652	rBV2	37969	65298	2.32%	0.219%
10	6.493	742	748	754	rBV	1756127	2399760	85.37%	8.046%
11	6.704	779	784	788	rBV2	26282	36390	1.29%	0.122%
12	6.875	808	813	818	rBV	751927	908924	32.34%	3.047%
13	7.434	899	908	912	rBV	1278166	1630463	58.00%	5.467%
14	7.469	912	914	917	rVV	29920	32014	1.14%	0.107%
15	7.681	946	950	957	rVB2	34377	51040	1.82%	0.171%
16	7.798	959	970	973	rBV6	24276	55067	1.96%	0.185%
17	8.157	1019	1031	1037	rBV	911027	1266610	45.06%	4.247%
18	8.210	1037	1040	1043	rVB2	24719	32089	1.14%	0.108%
19	8.445	1075	1080	1084	rBV6	30617	46784	1.66%	0.157%
20	8.657	1112	1116	1120	rBV	46116	58833	2.09%	0.197%
21	8.745	1127	1131	1135	rBV	116739	153497	5.46%	0.515%
22	8.975	1166	1170	1176	rVV3	63309	104362	3.71%	0.350%
23	9.110	1189	1193	1197	rVB4	43432	70358	2.50%	0.236%
24	9.175	1201	1204	1208	rVV2	53037	67821	2.41%	0.227%
25	9.234	1208	1214	1218	rVV	2220427	2810952	100.00%	9.425%
26	9.310	1223	1227	1232	rBV	250947	327454	11.65%	1.098%
27	9.381	1236	1239	1245	rVB	60951	84436	3.00%	0.283%
28	9.569	1264	1271	1272	rBV4	60486	123661	4.40%	0.415%
29	9.628	1277	1281	1284	rBV4	129724	198309	7.05%	0.665%
30	9.692	1289	1292	1296	rVB2	71679	88088	3.13%	0.295%
31	9.839	1313	1317	1322	rVB	341308	435686	15.50%	1.461%
32	9.916	1322	1330	1334	rBV	913315	1246409	44.34%	4.179%
33	10.016	1345	1347	1351	rVB3	37601	43134	1.53%	0.145%
34	10.081	1354	1358	1359	rBV2	54685	76826	2.73%	0.258%
35	10.163	1369	1372	1376	rBV4	92005	128551	4.57%	0.431%
36	10.345	1398	1403	1407	rBV	476690	595729	21.19%	1.997%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.563	1435	1440	1446	rBV	214337	347426	12.36%	1.165%
38	10.628	1446	1451	1458	rBV2	181859	312539	11.12%	1.048%
39	10.704	1458	1464	1469	rBV	943773	1283630	45.67%	4.304%
40	10.822	1479	1484	1492	rVB	640203	1067659	37.98%	3.580%
41	11.010	1513	1516	1518	rBV	61174	80089	2.85%	0.269%
42	11.269	1555	1560	1563	rBV	523304	721025	25.65%	2.417%
43	11.298	1563	1565	1571	rVB	263603	312396	11.11%	1.047%
44	11.404	1578	1583	1587	rBV	764214	973345	34.63%	3.263%
45	11.692	1628	1632	1637	rBV	446579	553730	19.70%	1.857%
46	11.928	1668	1672	1680	rVB	277895	401840	14.30%	1.347%
47	12.104	1698	1702	1706	rVB	372581	447877	15.93%	1.502%
48	12.492	1764	1768	1773	rVB	286919	350273	12.46%	1.174%
49	12.716	1802	1806	1812	rBV	209328	355868	12.66%	1.193%
50	12.863	1828	1831	1835	rVB	197476	254757	9.06%	0.854%
51	12.992	1848	1853	1861	rVB	1578674	2038797	72.53%	6.836%
52	13.222	1889	1892	1898	rBV	131267	164171	5.84%	0.550%
53	14.051	2028	2033	2039	rBV	589661	843880	30.02%	2.829%
54	15.539	2282	2286	2296	rVB	377327	755888	26.89%	2.534%

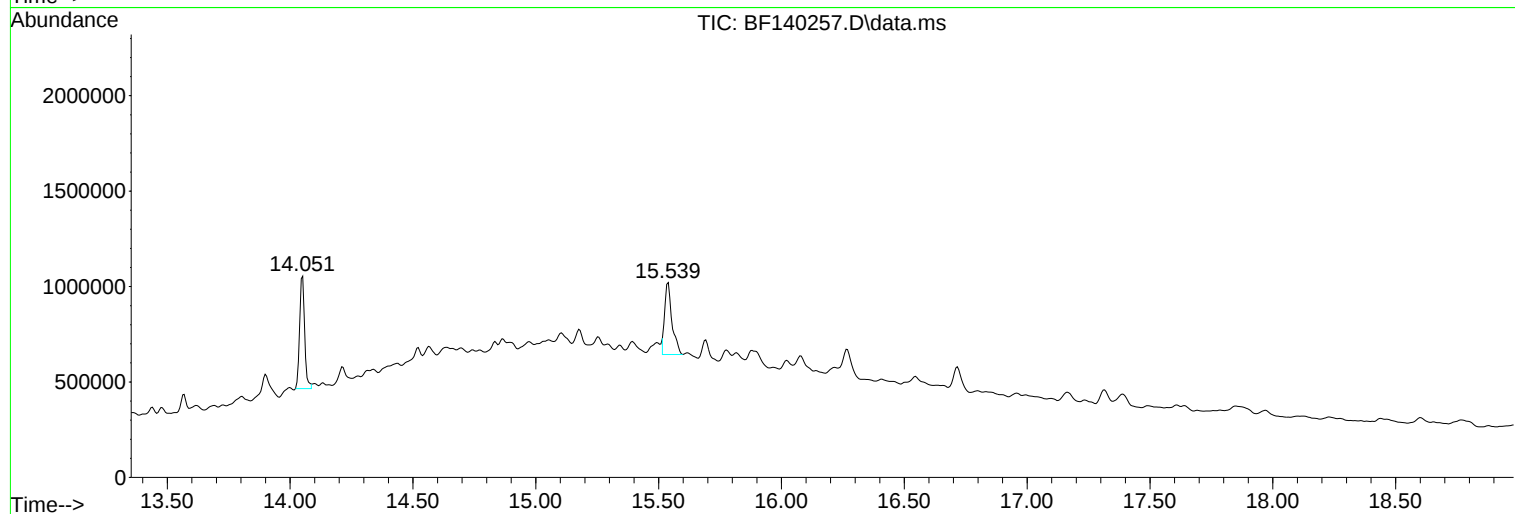
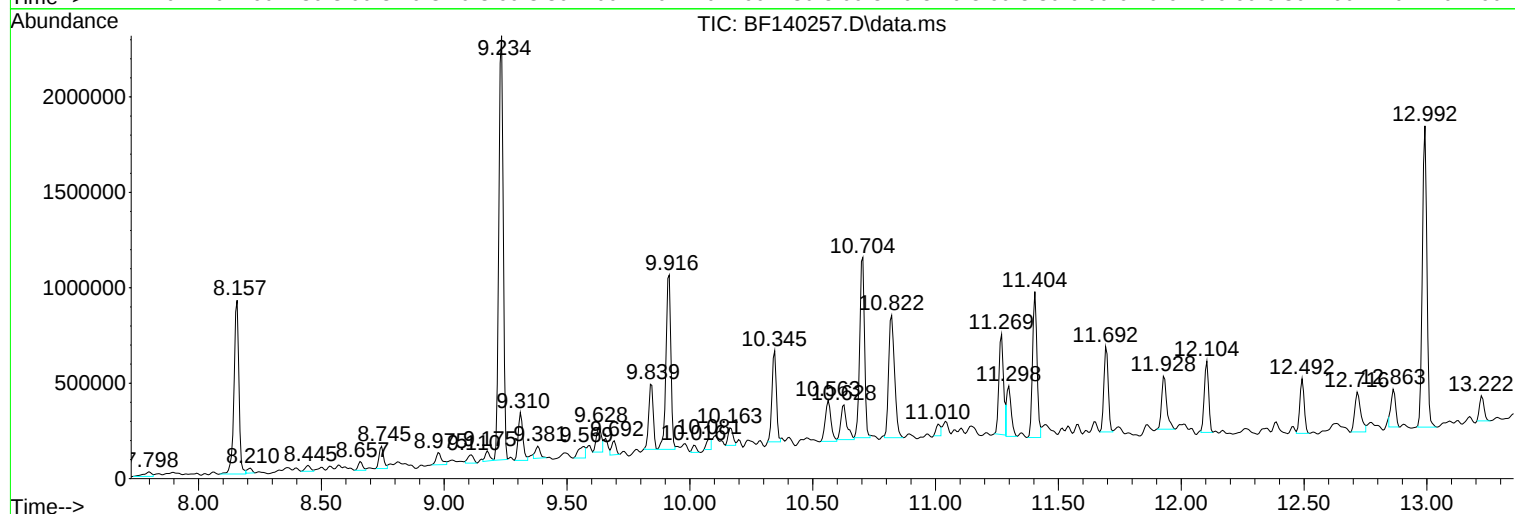
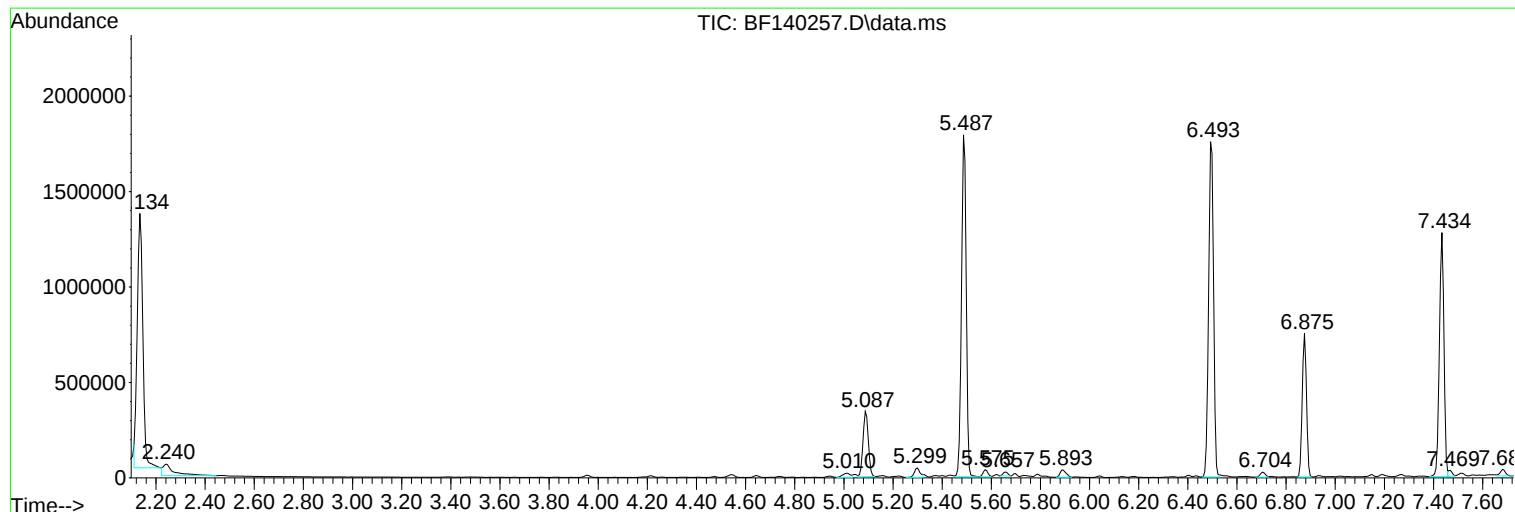
Sum of corrected areas: 29825460

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

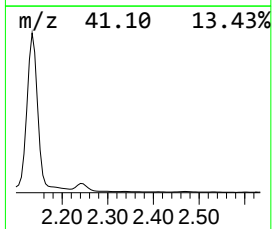
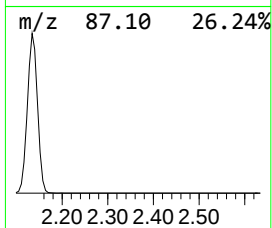
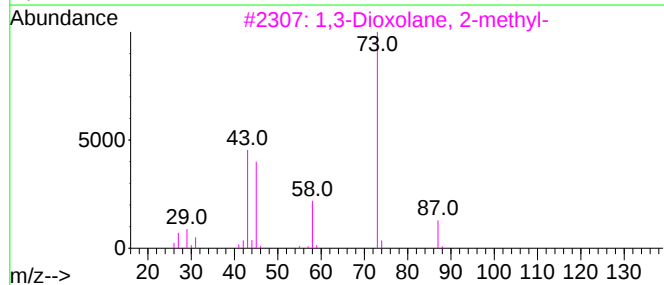
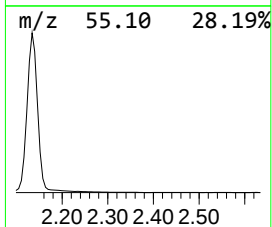
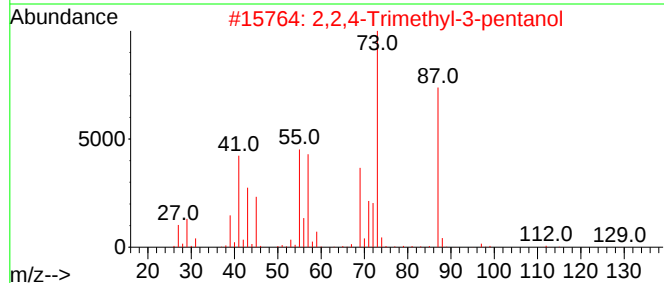
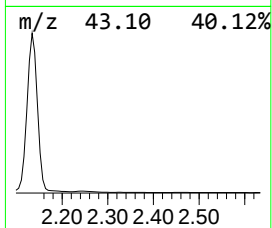
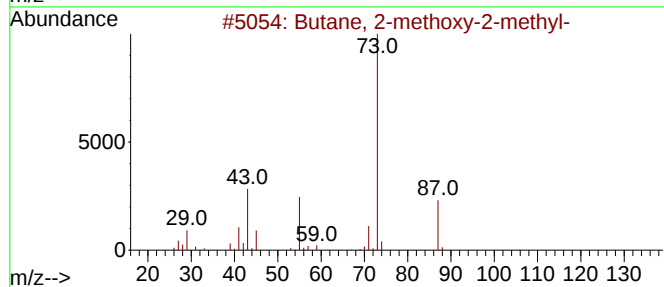
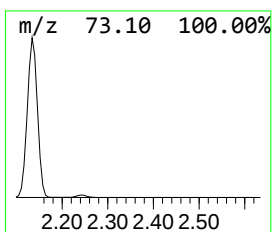
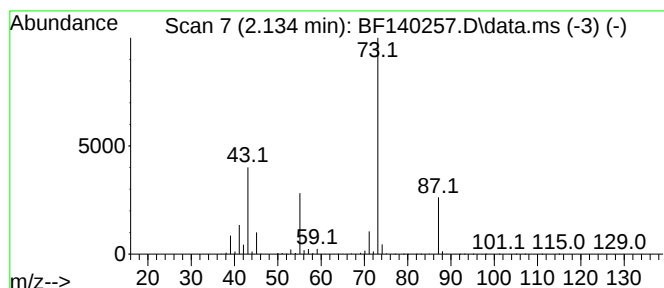
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	46.58 ng	2117040	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

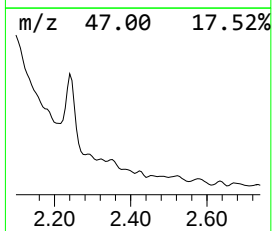
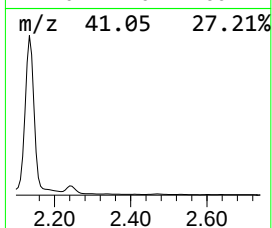
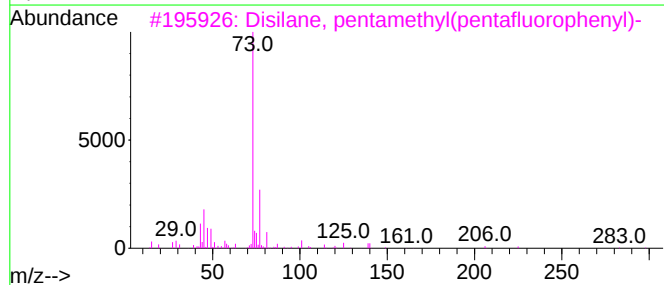
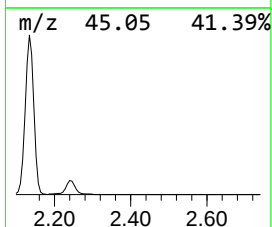
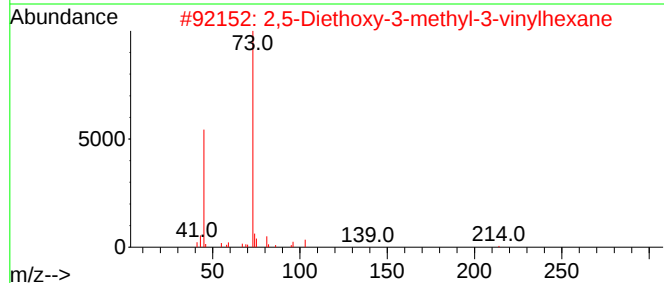
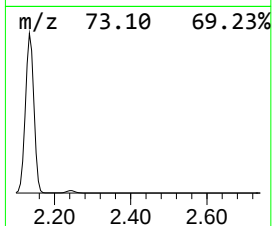
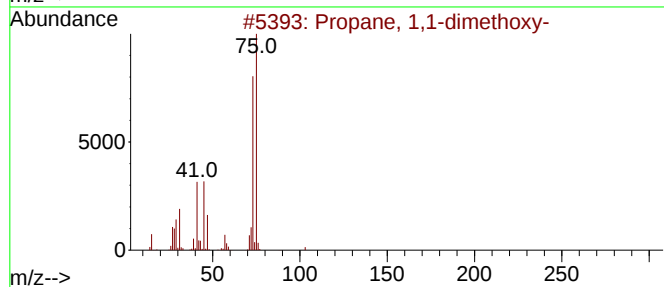
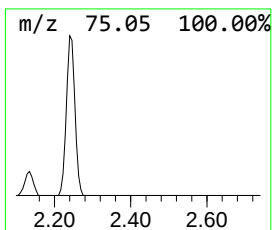
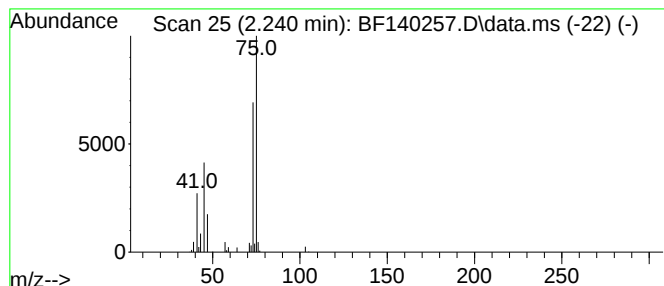
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.240	4.17 ng	189309	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	56
2			2,5-Diethoxy-3-methyl-3-vinylhexane	214	C13H26O2	1000432-70-8	10
3			Disilane, pentamethyl(pentafluor...	298	C11H15F5Si2	033558-55-3	9
4			2-Methylundecanal dimethyl acetal	230	C14H30O2	1010430-97-6	9
5			Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

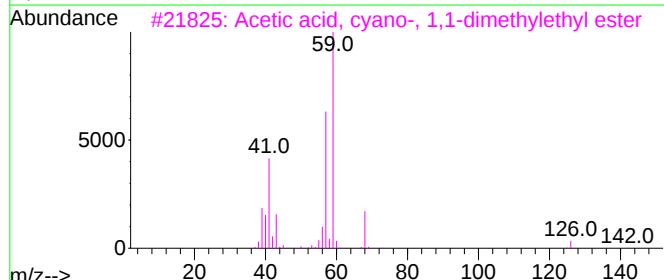
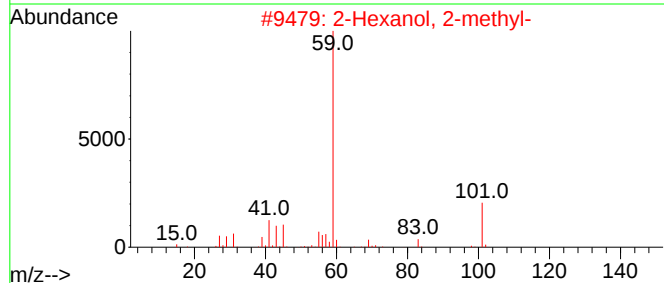
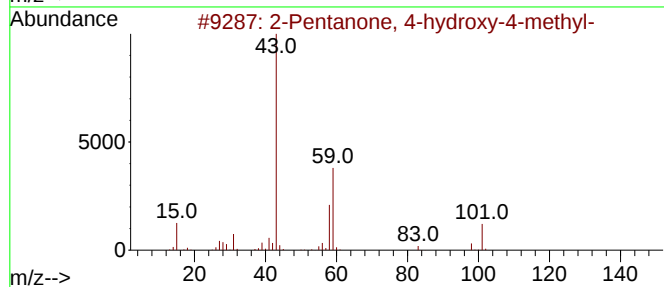
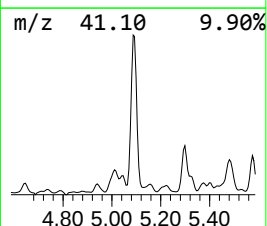
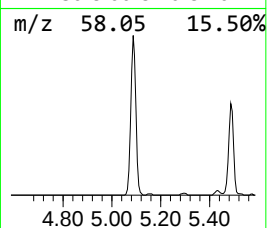
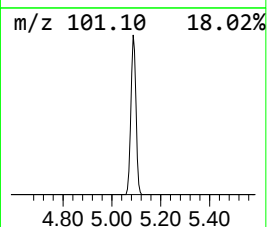
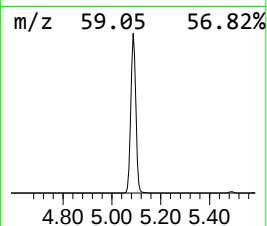
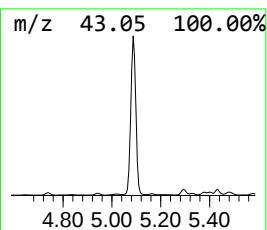
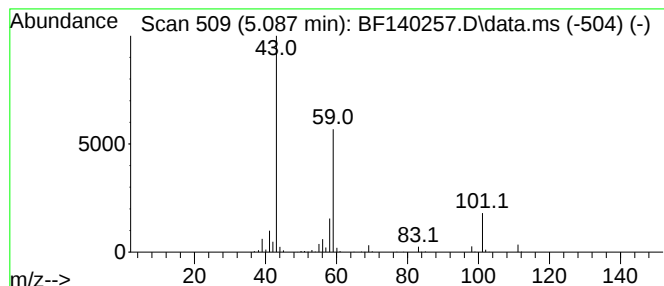
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.087	11.32 ng	514410	1,4-Dichlorobenzene-d4	6.875	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

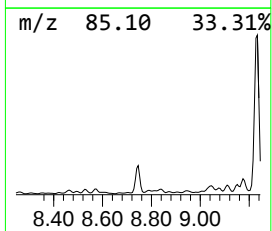
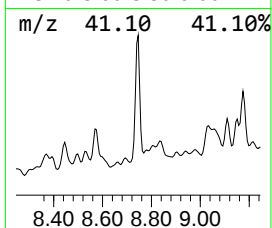
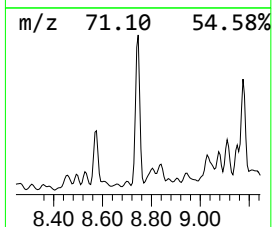
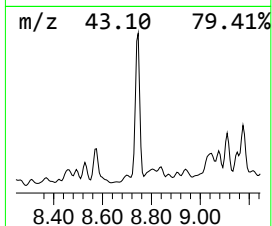
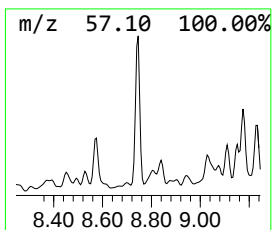
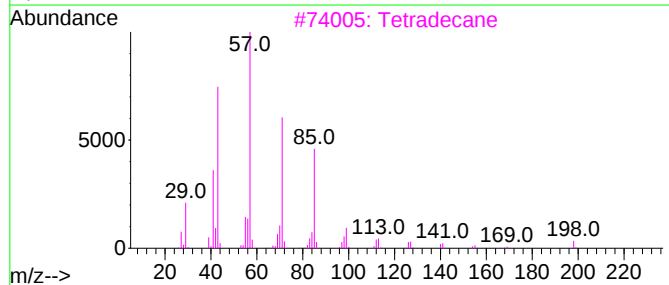
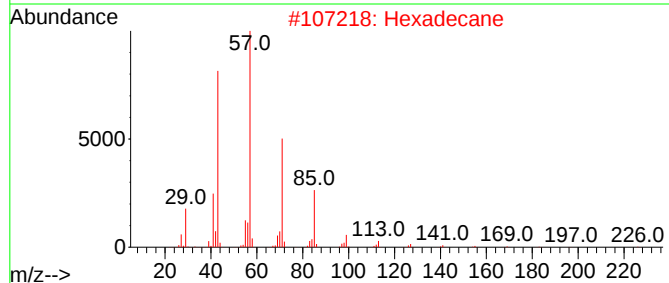
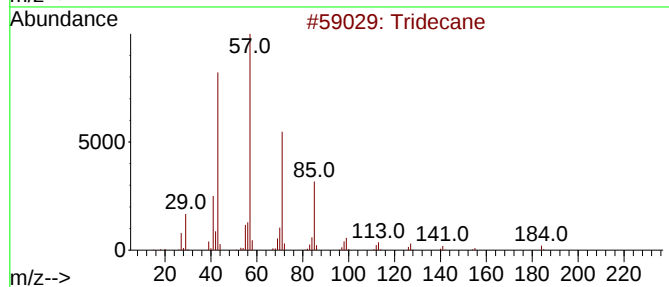
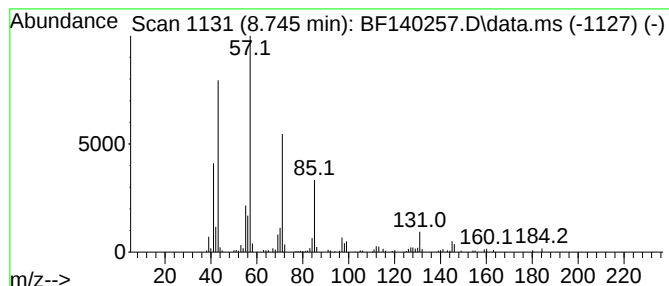
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	2.42 ng	153497	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	64
3			Tetradecane	198	C14H30	000629-59-4	64
4			Pentadecane	212	C15H32	000629-62-9	64
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

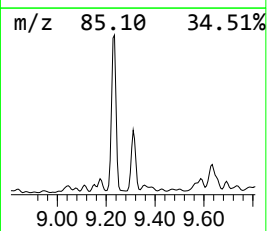
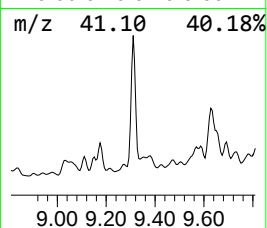
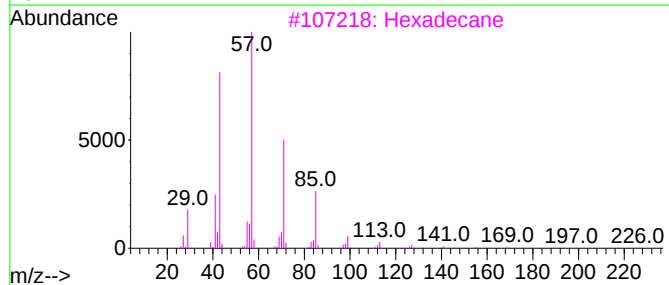
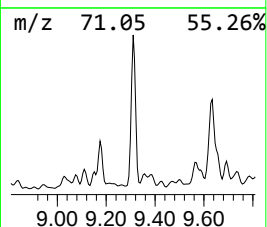
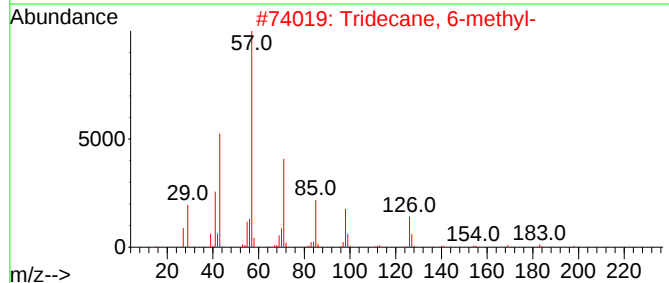
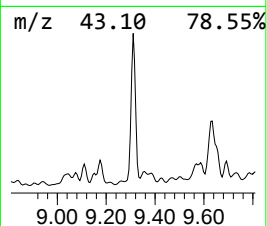
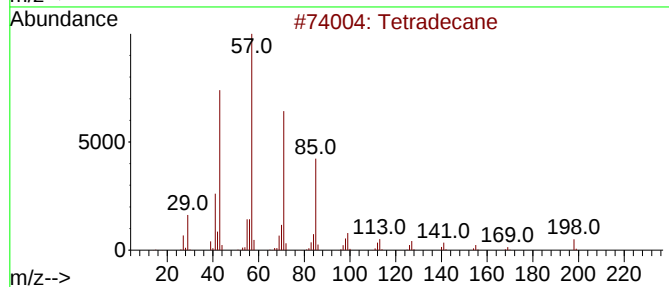
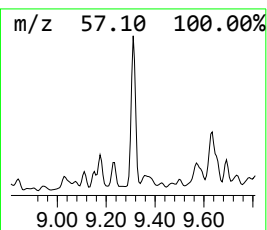
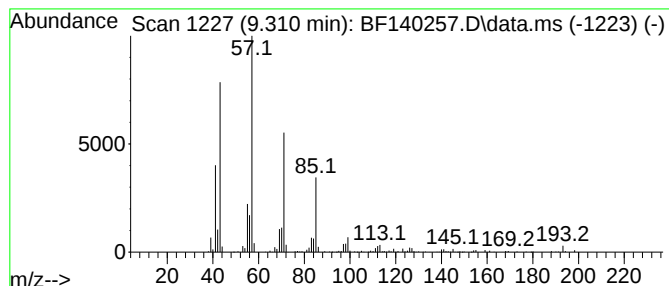
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	5.25 ng	327454	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

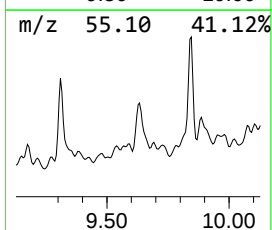
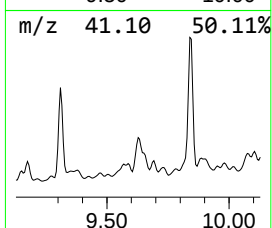
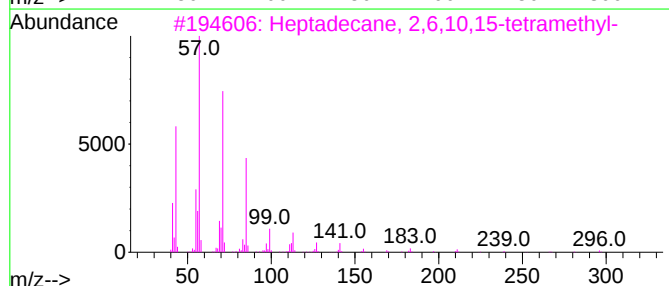
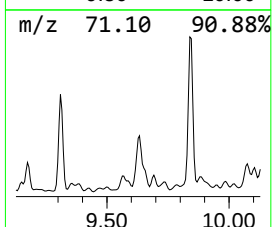
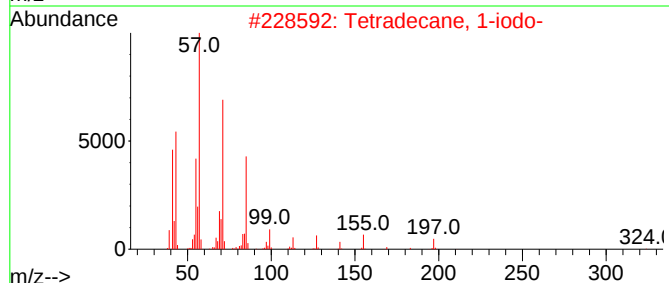
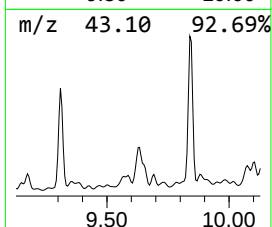
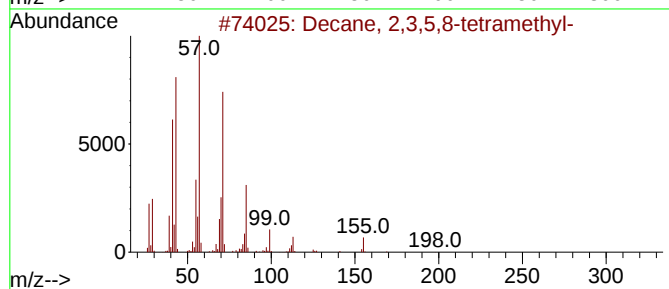
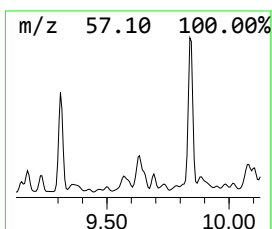
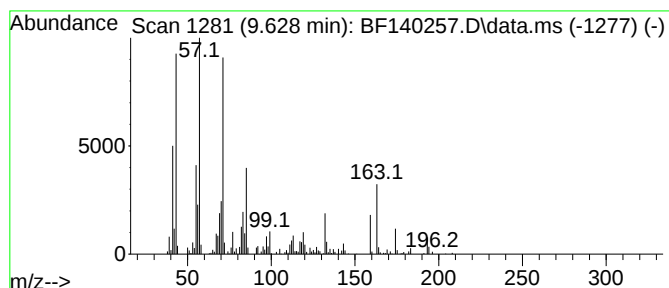
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Decane, 2,3,5,8-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.628	3.18 ng	198309	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	52
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
4	Octane, 2-methyl-	128	C9H20	003221-61-2	46
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

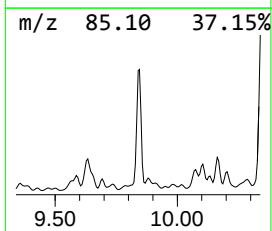
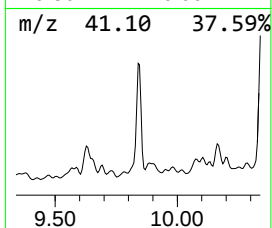
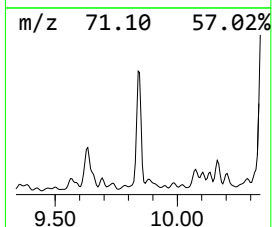
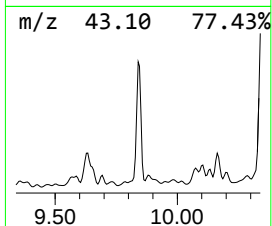
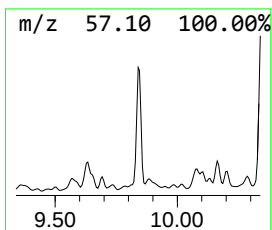
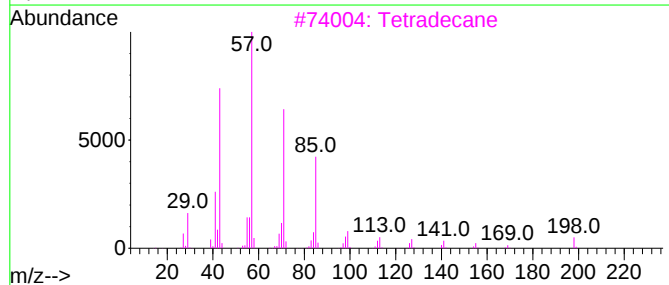
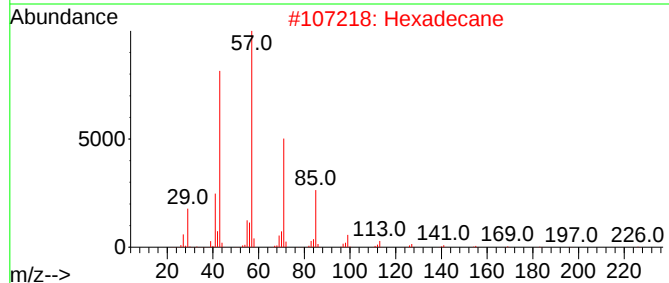
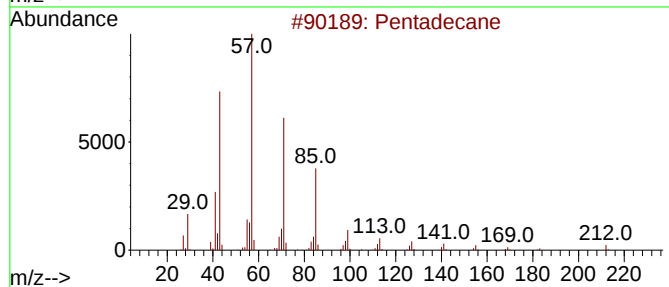
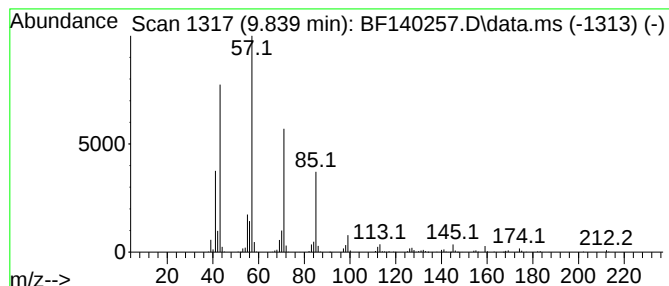
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	6.99 ng	435686	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane	184	C13H28	000629-50-5	83
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

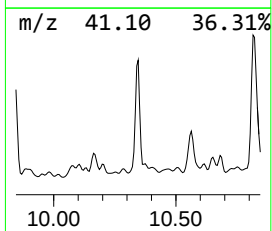
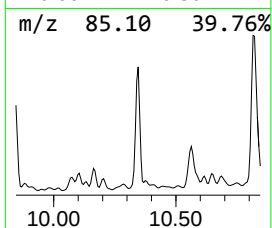
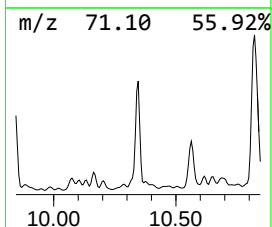
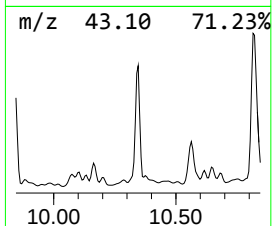
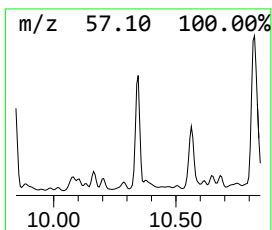
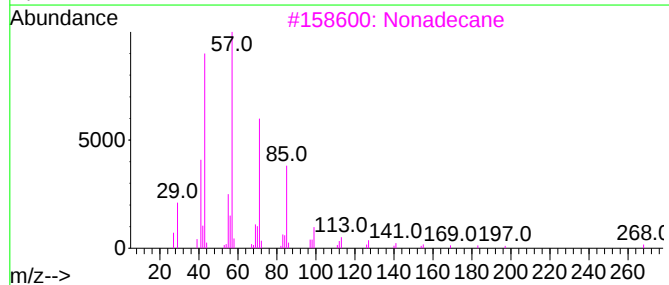
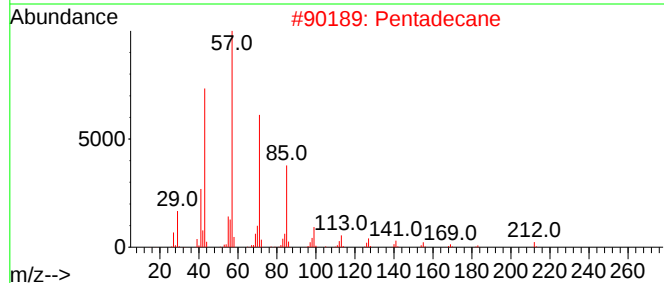
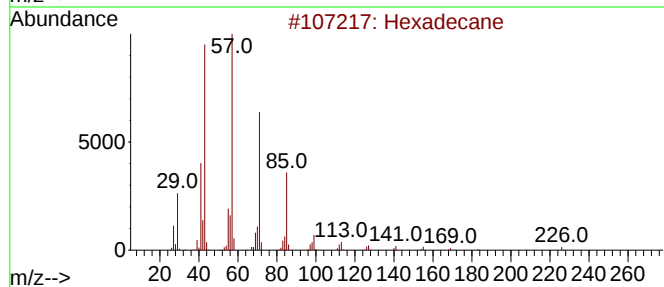
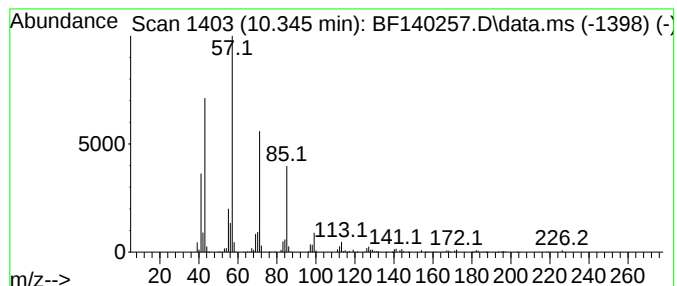
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	9.56 ng	595729	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	92
2			Pentadecane	212	C15H32	000629-62-9	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

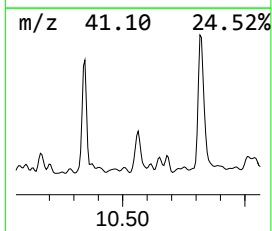
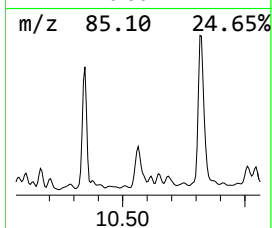
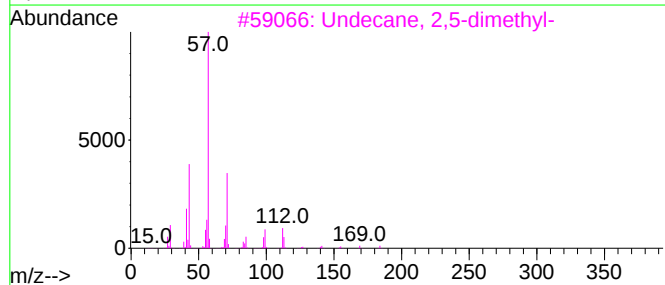
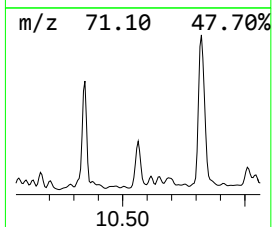
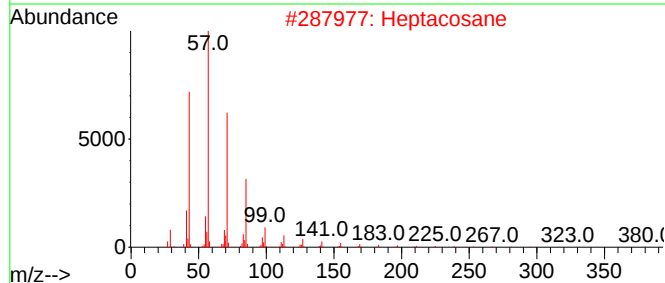
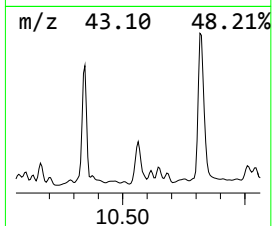
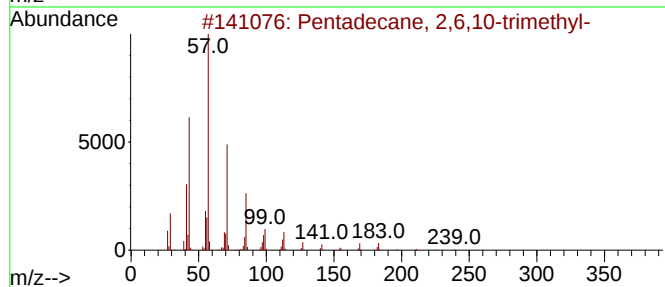
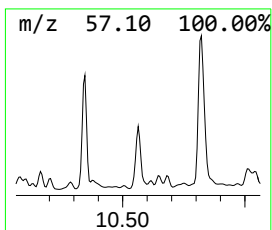
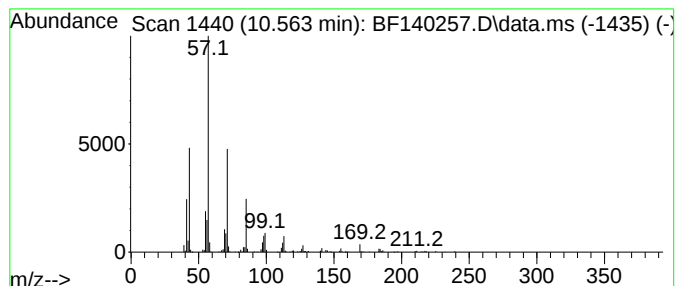
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.563	5.57 ng	347426	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	83
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

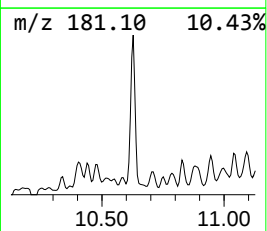
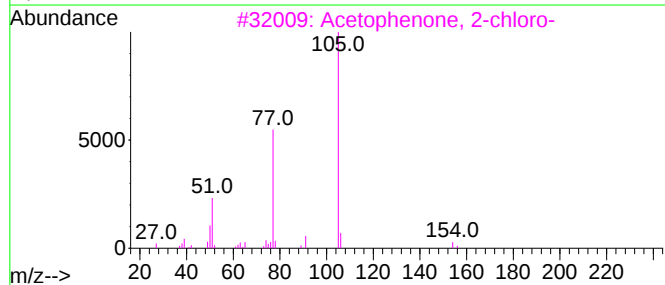
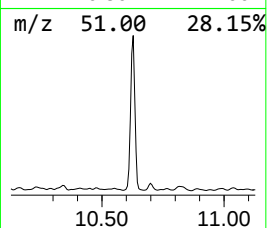
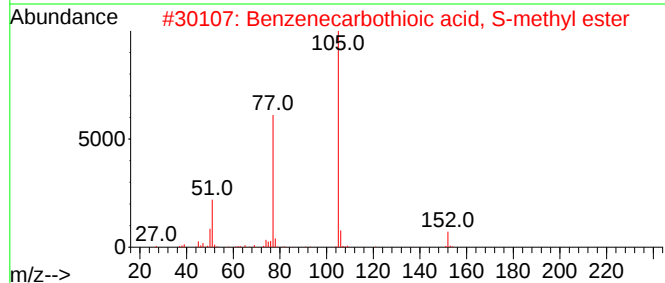
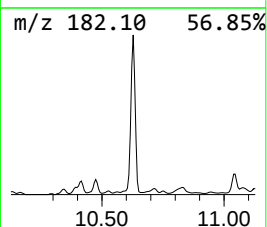
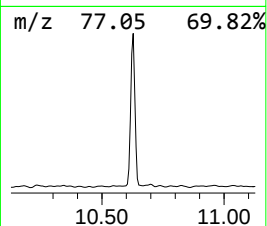
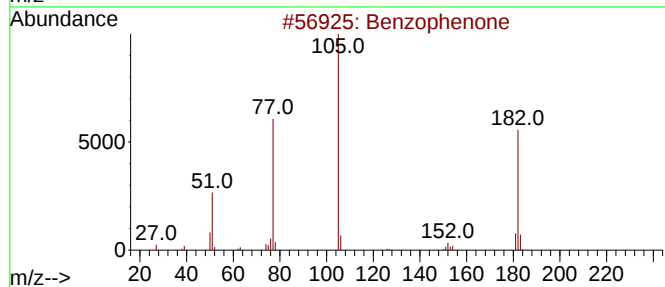
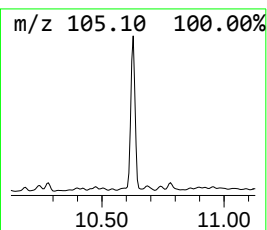
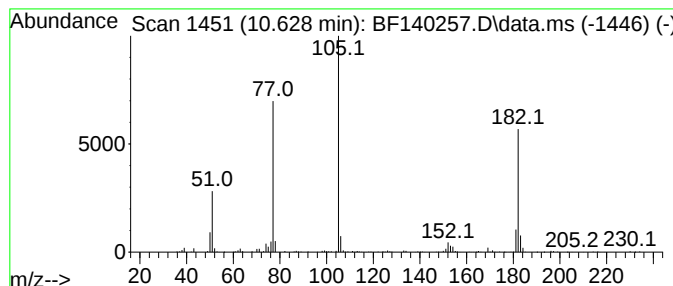
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	5.02 ng	312539	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	47
5			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

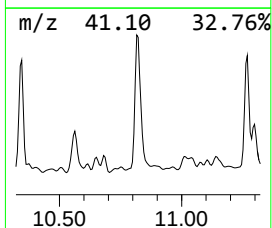
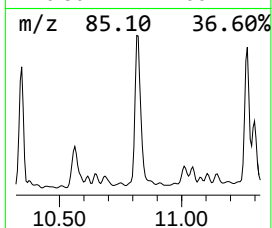
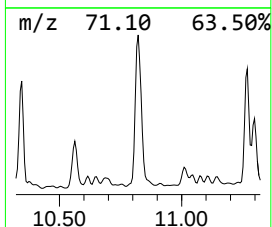
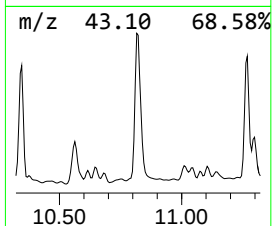
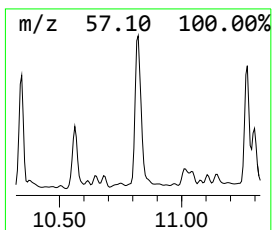
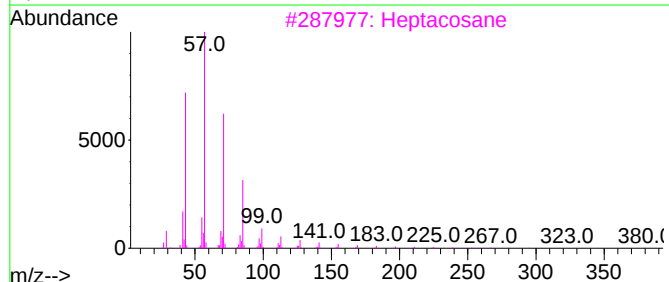
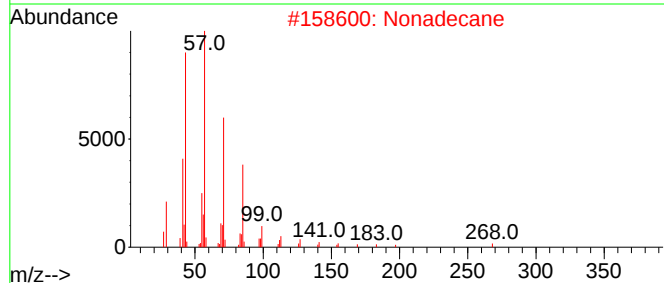
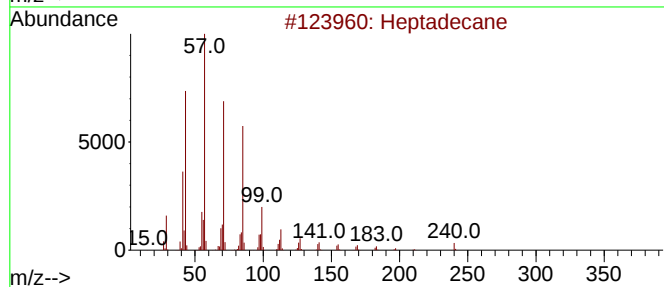
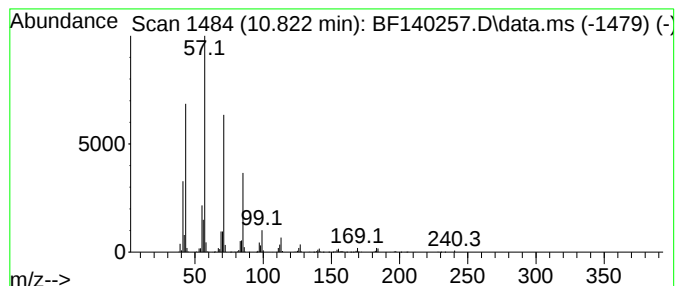
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.822	21.94 ng	1067660	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Nonadecane		268	C19H40	000629-92-5	90
3	Heptacosane		380	C27H56	000593-49-7	90
4	Eicosane		282	C20H42	000112-95-8	87
5	Tridecane		184	C13H28	000629-50-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

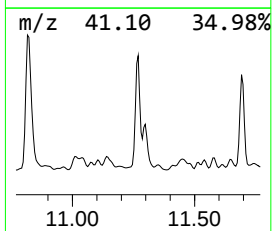
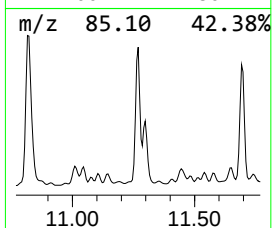
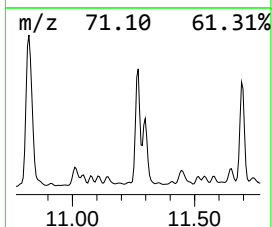
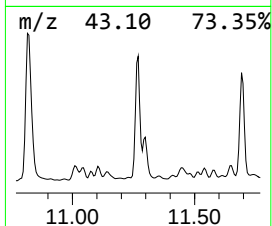
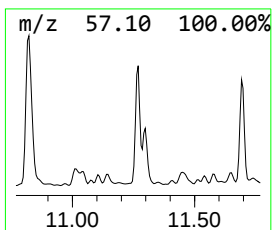
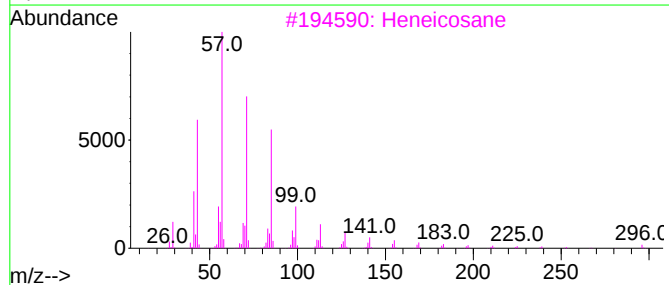
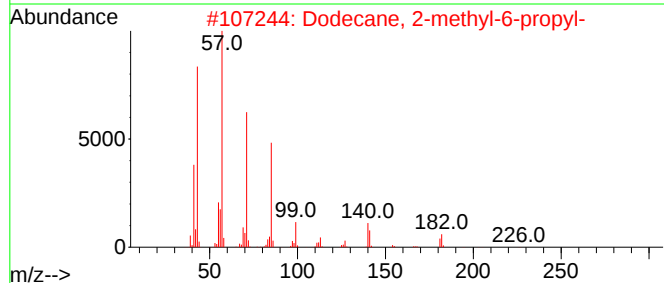
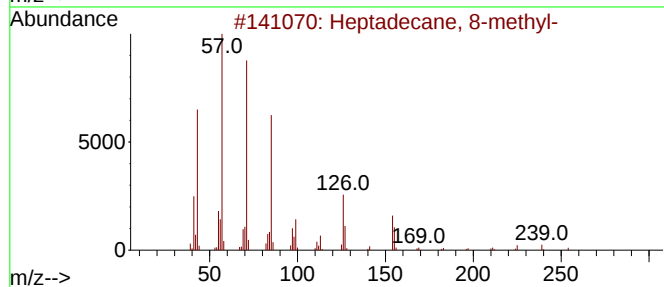
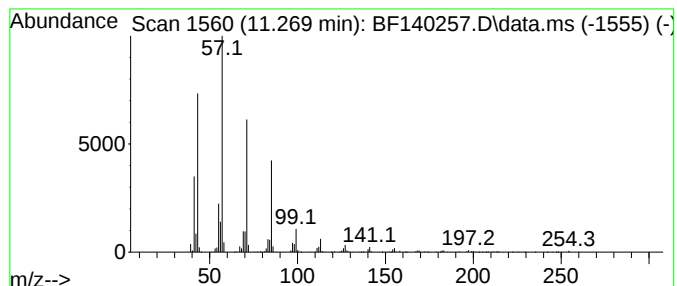
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane, 8-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.269	14.82 ng	721025	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	94
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Tridecane, 7-propyl-		226	C16H34	055045-09-5	87
5	Nonadecane		268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

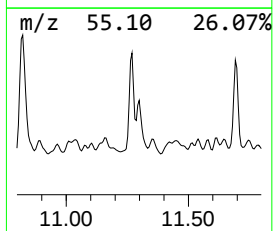
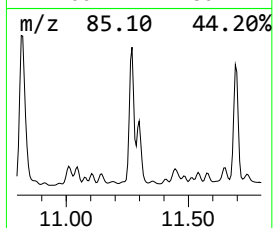
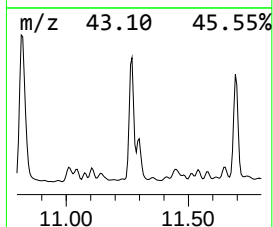
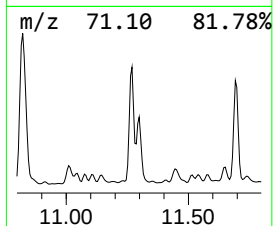
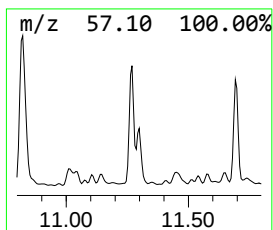
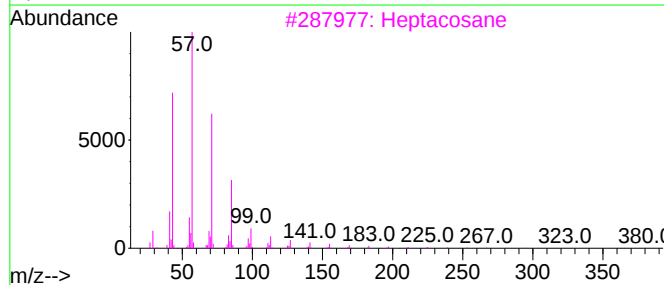
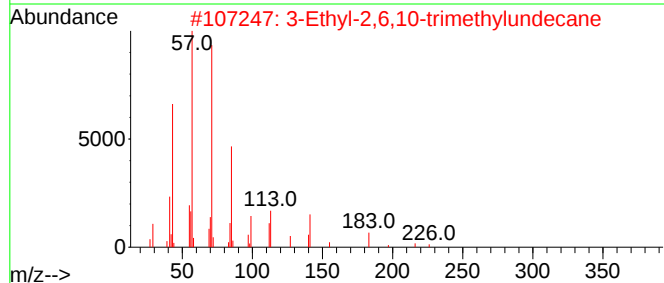
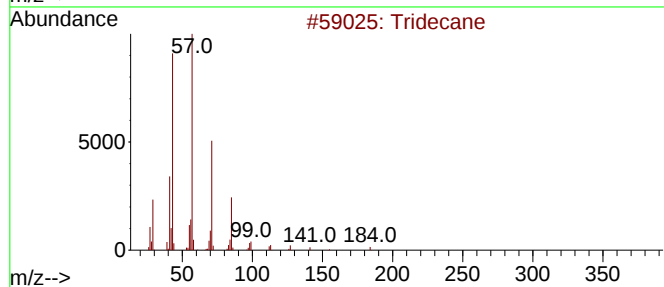
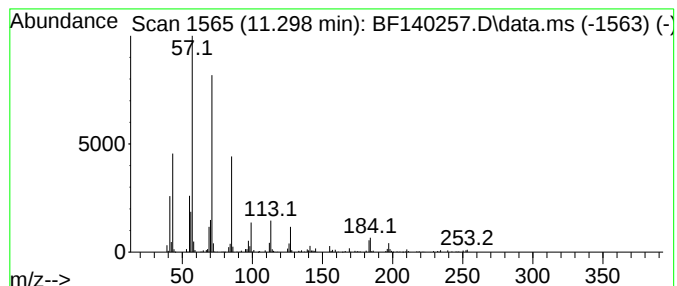
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 3-Ethyl-2,6,10-trimethylund... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.298	6.42 ng	312396	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	86
3	Heptacosane		380	C27H56	000593-49-7	80
4	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	80
5	Heptadecane		240	C17H36	000629-78-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

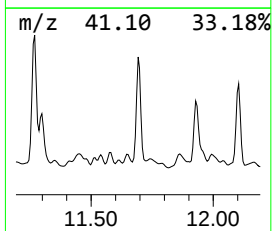
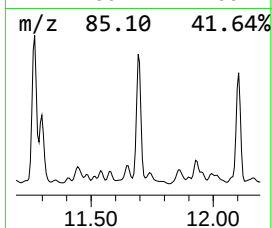
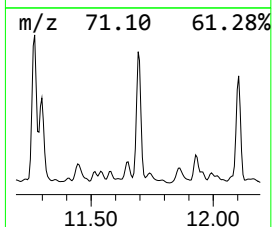
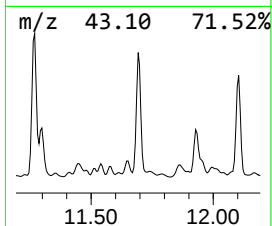
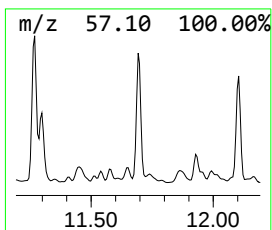
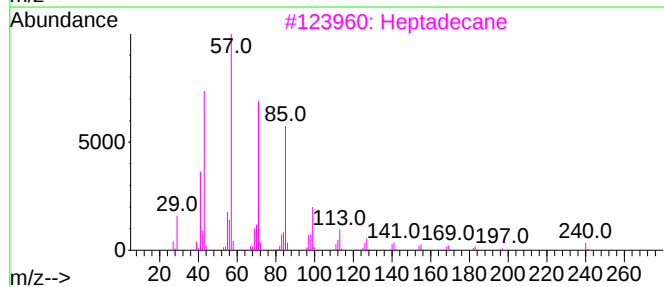
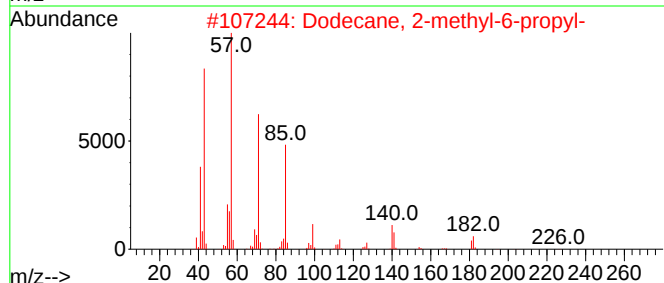
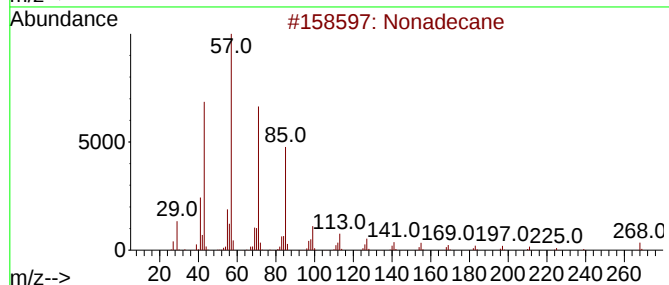
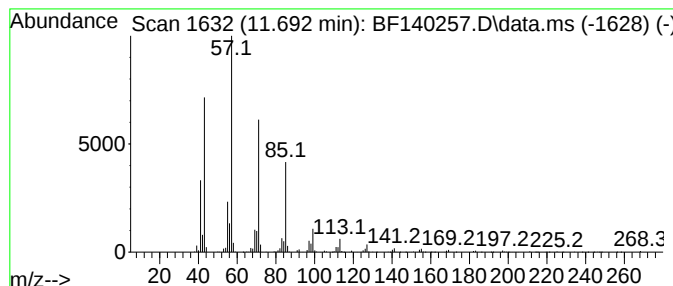
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	11.38 ng	553730	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3			Heptadecane	240	C17H36	000629-78-7	90
4			Heptacosane	380	C27H56	000593-49-7	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

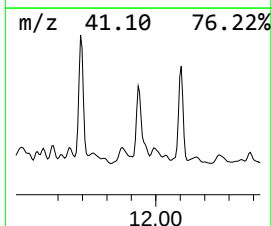
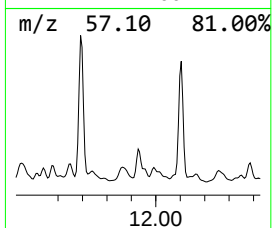
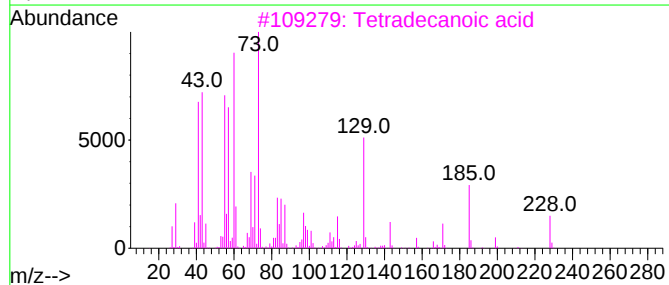
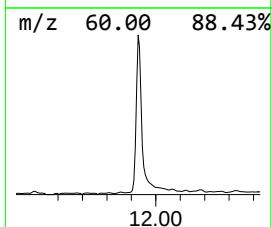
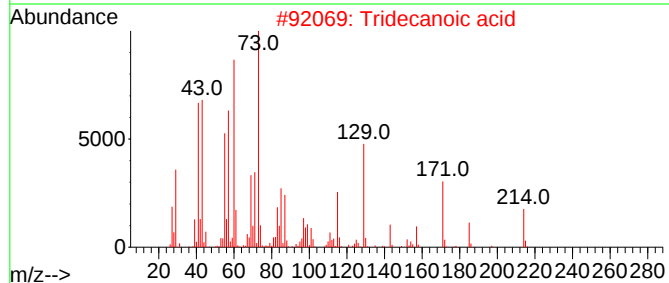
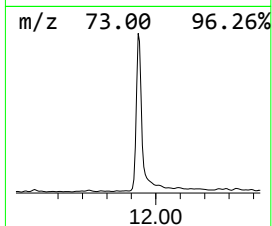
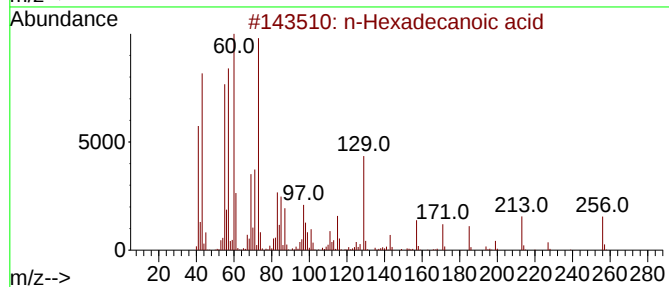
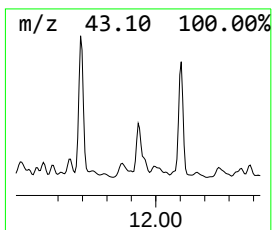
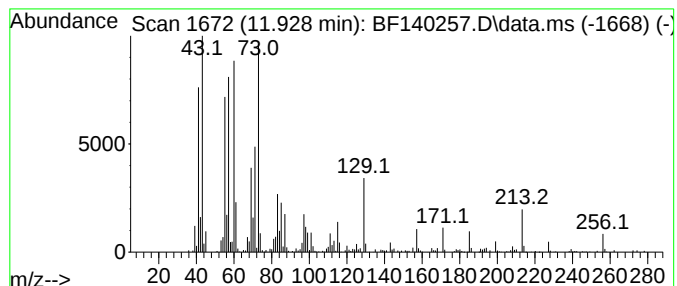
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.928	8.26 ng	401840	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	96
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	81
5	8-Methylnonanoic acid		172	C10H20O2	005963-14-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

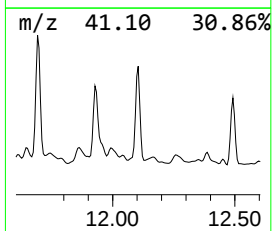
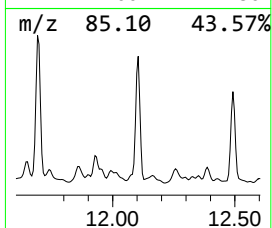
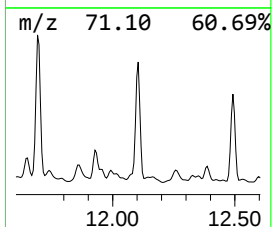
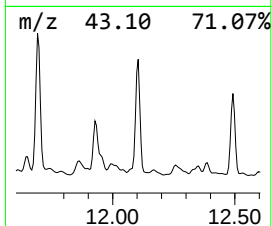
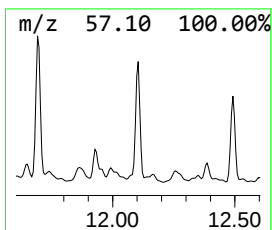
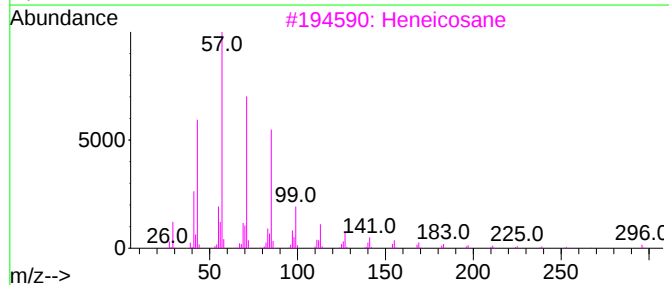
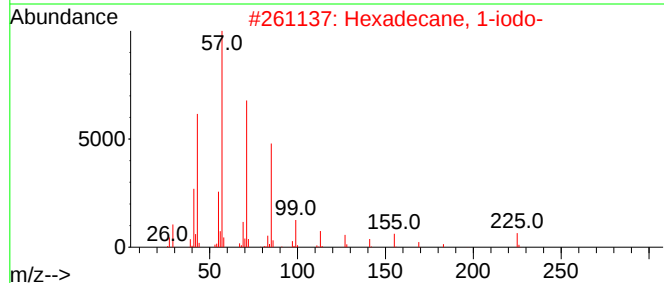
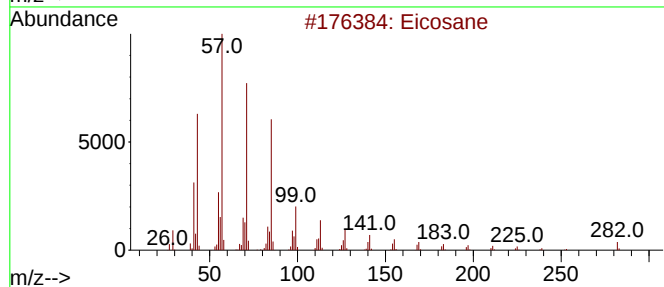
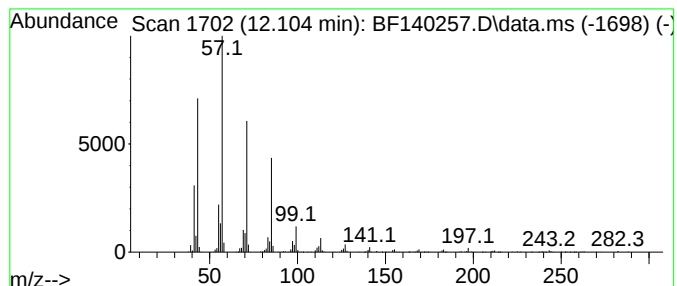
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	9.20 ng	447877	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

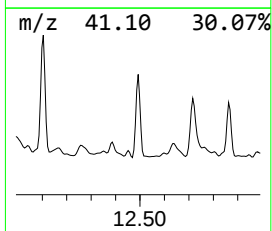
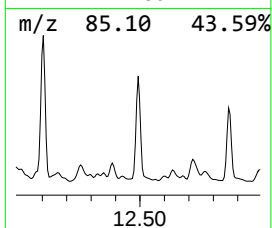
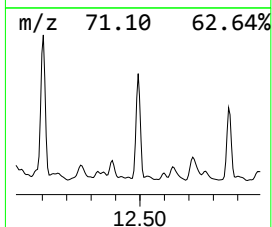
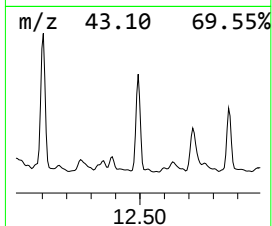
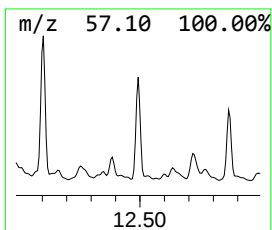
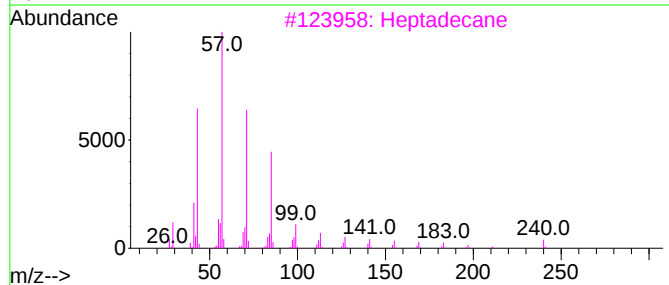
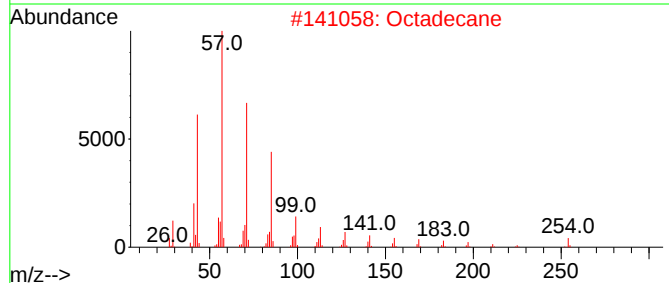
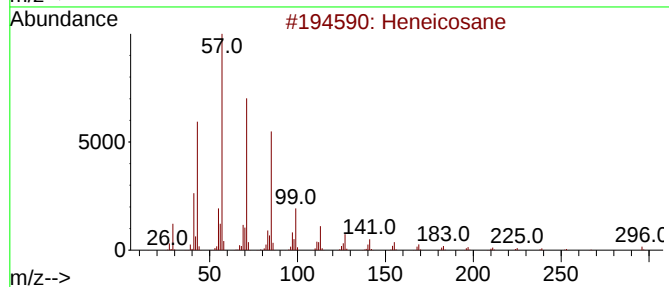
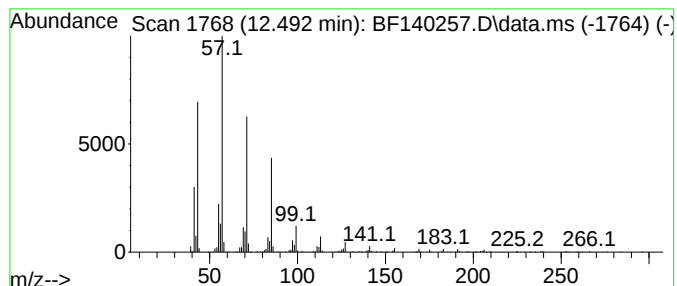
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	7.20 ng	350273	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	96
2		Octadecane	254	C18H38	000593-45-3	95
3		Heptadecane	240	C17H36	000629-78-7	93
4		Tetracosane	338	C24H50	000646-31-1	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

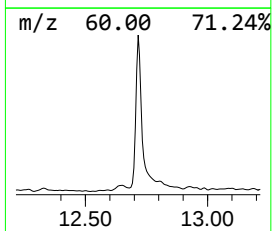
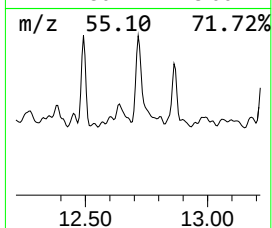
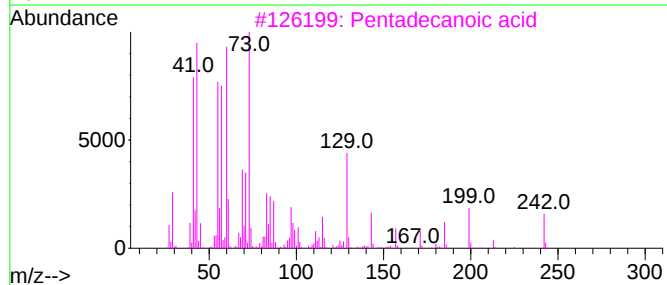
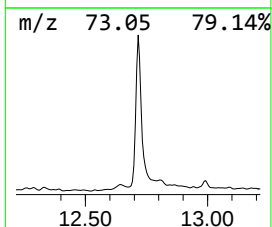
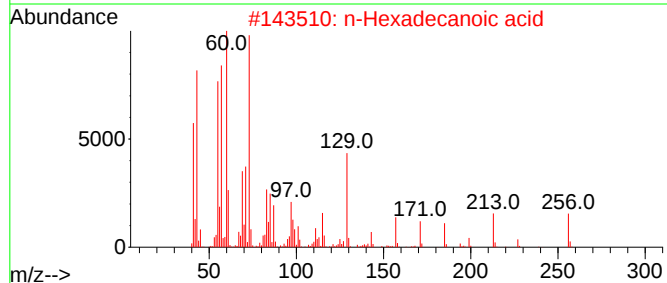
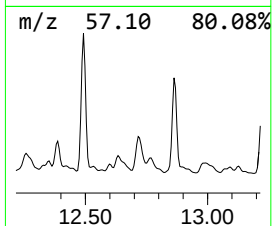
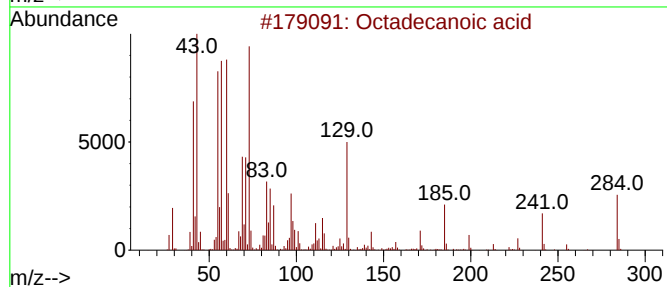
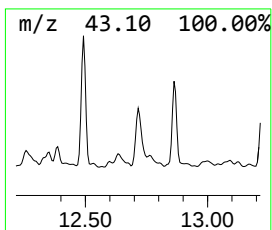
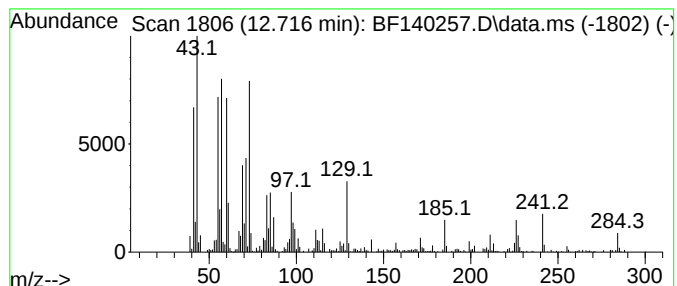
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.716	7.31 ng	355868	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	60
5	n-Decanoic acid		172	C10H20O2	000334-48-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

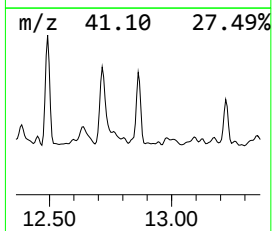
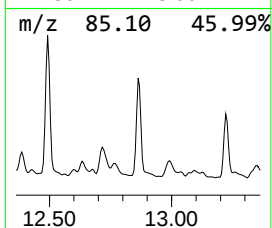
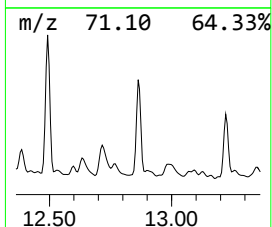
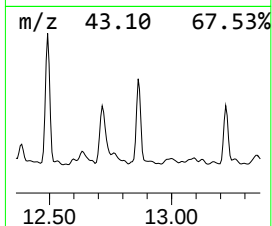
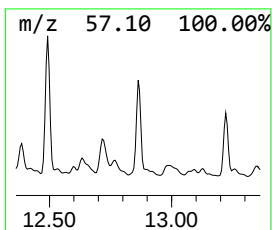
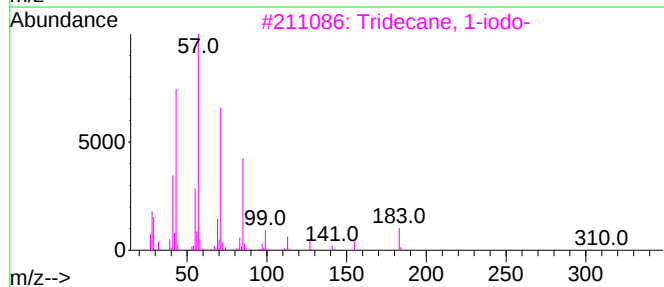
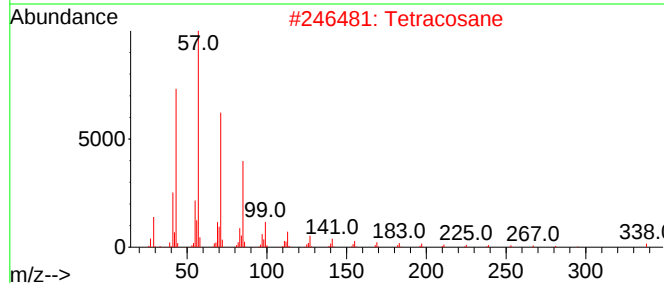
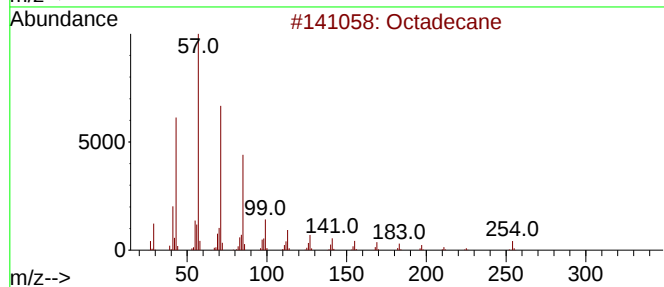
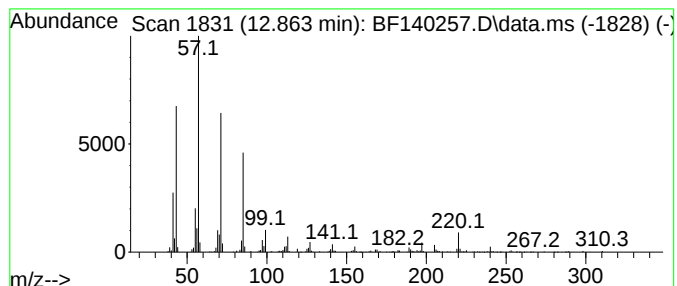
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.863	6.04 ng	254757	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	87
2			Tetracosane	338	C24H50	000646-31-1	83
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4			Docosane	310	C22H46	000629-97-0	80
5			Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

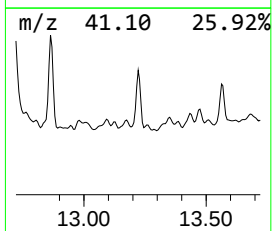
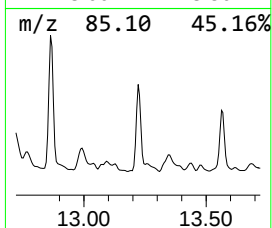
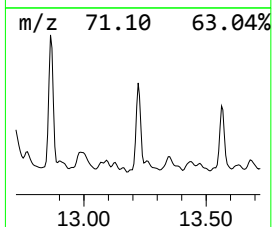
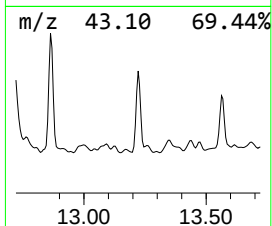
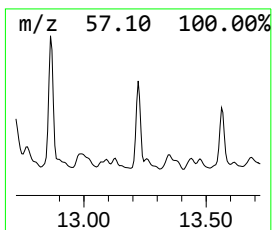
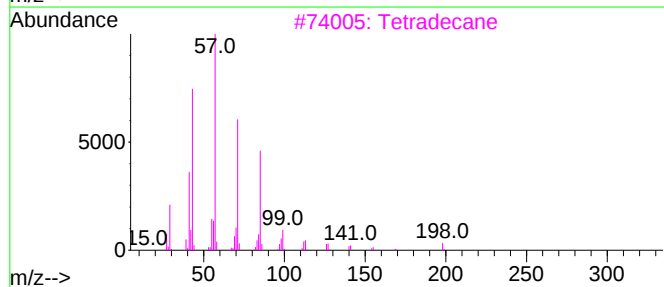
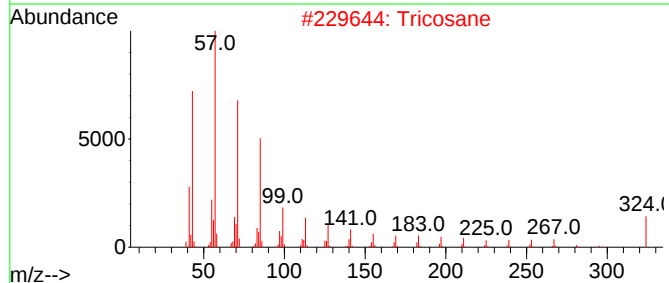
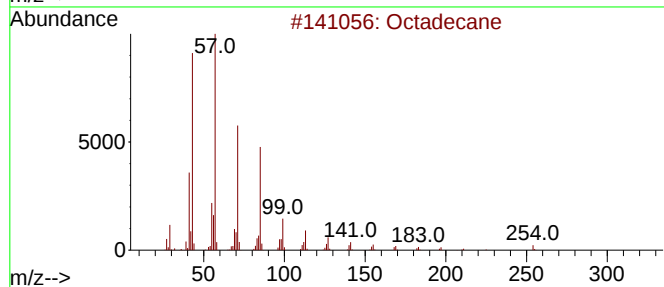
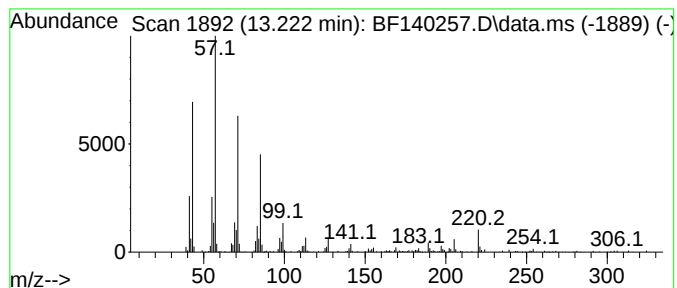
Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexadecane, 7,9-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.222	3.89 ng	164171	Chrysene-d12		14.051	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	98
2	Tricosane		324	C23H48	000638-67-5	94
3	Tetradecane		198	C14H30	000629-59-4	90
4	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	89
5	Decane, 1-iodo-		268	C10H21I	002050-77-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140257.D
Acq On : 06 Nov 2024 15:25
Operator : RC/JU
Sample : P4709-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-110424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.134	46.6	ng	2117040	1	6.875	908924	20.0
Propane, 1,1-di...	2.240	4.2	ng	189309	1	6.875	908924	20.0
2-Pentanone, 4-...	5.087	11.3	ng	514410	1	6.875	908924	20.0
Tridecane	8.745	2.4	ng	153497	2	8.157	1266610	20.0
Tetradecane	9.310	5.3	ng	327454	3	9.916	1246410	20.0
Decane, 2,3,5,8...	9.628	3.2	ng	198309	3	9.916	1246410	20.0
Pentadecane	9.839	7.0	ng	435686	3	9.916	1246410	20.0
Hexadecane	10.345	9.6	ng	595729	3	9.916	1246410	20.0
Pentadecane, 2,...	10.563	5.6	ng	347426	3	9.916	1246410	20.0
Benzophenone	10.628	5.0	ng	312539	3	9.916	1246410	20.0
Heptadecane	10.822	21.9	ng	1067660	4	11.404	973345	20.0
Heptadecane, 8-...	11.269	14.8	ng	721025	4	11.404	973345	20.0
3-Ethyl-2,6,10-...	11.298	6.4	ng	312396	4	11.404	973345	20.0
Nonadecane	11.692	11.4	ng	553730	4	11.404	973345	20.0
n-Hexadecanoic ...	11.928	8.3	ng	401840	4	11.404	973345	20.0
Eicosane	12.104	9.2	ng	447877	4	11.404	973345	20.0
Heneicosane	12.492	7.2	ng	350273	4	11.404	973345	20.0
Octadecanoic acid	12.716	7.3	ng	355868	4	11.404	973345	20.0
Octadecane	12.863	6.0	ng	254757	5	14.051	843880	20.0
Hexadecane, 7,9...	13.222	3.9	ng	164171	5	14.051	843880	20.0