

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140894.D
 Acq On : 17 Dec 2024 19:07
 Operator : RC/JU
 Sample : P5301-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624

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-BF121624.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140894.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.492	573	578	597	rBV	873322	1297825	59.84%	4.276%
2	6.504	745	750	761	rBV	947613	1377872	63.53%	4.539%
3	6.675	775	779	786	rBV2	57439	77482	3.57%	0.255%
4	6.851	804	809	815	rBV	245549	298323	13.75%	0.983%
5	6.986	829	832	836	rBV3	20087	24507	1.13%	0.081%
6	7.116	847	854	857	rBV3	41497	64313	2.97%	0.212%
7	7.169	857	863	869	rVB2	33865	68409	3.15%	0.225%
8	7.233	869	874	878	rBV3	43621	78709	3.63%	0.259%
9	7.310	884	887	889	rBV2	17438	22532	1.04%	0.074%
10	7.381	893	899	901	rBV2	54058	83228	3.84%	0.274%
11	7.416	901	905	912	rVB	712402	1041400	48.02%	3.431%
12	7.486	912	917	921	rVB4	51530	75383	3.48%	0.248%
13	7.533	921	925	928	rBV5	26743	49402	2.28%	0.163%
14	7.616	936	939	941	rBV2	21357	22452	1.04%	0.074%
15	7.645	941	944	952	rVB3	97774	177530	8.19%	0.585%
16	7.769	953	965	968	rBV5	77863	245659	11.33%	0.809%
17	7.804	968	971	974	rVV3	50602	64613	2.98%	0.213%
18	7.839	974	977	979	rVV3	37405	47785	2.20%	0.157%
19	7.869	979	982	988	rVV6	93684	165963	7.65%	0.547%
20	7.939	992	994	997	rVV3	43618	59096	2.72%	0.195%
21	7.992	1001	1003	1006	rVB2	35609	35085	1.62%	0.116%
22	8.028	1006	1009	1013	rBV	48556	61563	2.84%	0.203%
23	8.104	1013	1022	1024	rBV2	304363	491018	22.64%	1.618%
24	8.128	1024	1026	1031	rVV	314383	470688	21.70%	1.551%
25	8.175	1031	1034	1038	rVV2	148787	209918	9.68%	0.692%
26	8.216	1038	1041	1047	rVB5	50990	80458	3.71%	0.265%
27	8.298	1052	1055	1057	rVV2	33419	44240	2.04%	0.146%
28	8.322	1057	1059	1063	rVB2	71154	79595	3.67%	0.262%
29	8.416	1070	1075	1079	rBV5	153499	227014	10.47%	0.748%
30	8.504	1087	1090	1093	rBV4	60994	82320	3.80%	0.271%
31	8.539	1093	1096	1099	rVV	124853	127522	5.88%	0.420%
32	8.633	1108	1112	1115	rBV2	178064	245857	11.34%	0.810%
33	8.710	1121	1125	1129	rBV	387112	507053	23.38%	1.670%
34	8.875	1150	1153	1155	rBV3	43672	55756	2.57%	0.184%
35	8.951	1162	1166	1170	rBV4	225286	308590	14.23%	1.017%
36	9.075	1183	1187	1192	rBV3	157099	253228	11.68%	0.834%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140894.D
 Acq On : 17 Dec 2024 19:07
 Operator : RC/JU
 Sample : P5301-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624

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-BF121624.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.139	1195	1198	1201	rVV2	202295	240256	11.08%	0.792%
38	9.204	1205	1209	1213	rVV	1213837	1462450	67.43%	4.818%
39	9.275	1217	1221	1225	rBV	642933	817922	37.71%	2.695%
40	9.351	1231	1234	1237	rVB	173254	187531	8.65%	0.618%
41	9.533	1259	1265	1266	rBV5	152256	297556	13.72%	0.980%
42	9.592	1271	1275	1279	rBV2	348544	549655	25.34%	1.811%
43	9.657	1284	1286	1291	rVB4	202643	248561	11.46%	0.819%
44	9.804	1307	1311	1316	rVB	758055	990043	45.65%	3.262%
45	9.886	1322	1325	1329	rVB	274107	326330	15.05%	1.075%
46	9.986	1339	1342	1346	rVB2	85595	99383	4.58%	0.327%
47	10.039	1347	1351	1353	rBV3	152955	238828	11.01%	0.787%
48	10.127	1363	1366	1370	rBV3	253122	358645	16.54%	1.182%
49	10.204	1375	1379	1384	rBV6	163145	385888	17.79%	1.271%
50	10.304	1392	1396	1401	rBV	912401	1286321	59.31%	4.238%
51	10.522	1429	1433	1440	rVB	463549	783083	36.11%	2.580%
52	10.580	1440	1443	1445	rBV	114603	156357	7.21%	0.515%
53	10.680	1457	1460	1469	rVB	730529	983360	45.34%	3.240%
54	10.786	1473	1478	1486	rVB	1229183	2168874	100.00%	7.145%
55	11.227	1549	1553	1556	rBV	896471	1217483	56.13%	4.011%
56	11.257	1556	1558	1565	rVB	563559	769765	35.49%	2.536%
57	11.380	1575	1579	1581	rBV	350003	528781	24.38%	1.742%
58	11.610	1615	1618	1622	rVV3	170115	208032	9.59%	0.685%
59	11.657	1622	1626	1630	rVB	896987	1093632	50.42%	3.603%
60	11.904	1664	1668	1673	rVB2	431545	676718	31.20%	2.229%
61	12.063	1691	1695	1699	rVB	815942	951746	43.88%	3.136%
62	12.451	1758	1761	1766	rVB	617427	777991	35.87%	2.563%
63	12.598	1782	1786	1795	rBV	497293	950355	43.82%	3.131%
64	12.827	1821	1825	1831	rVB2	739673	991838	45.73%	3.268%
65	12.963	1844	1848	1856	rVB	1281122	1703524	78.54%	5.612%
66	13.180	1882	1885	1889	rBV	257303	280498	12.93%	0.924%

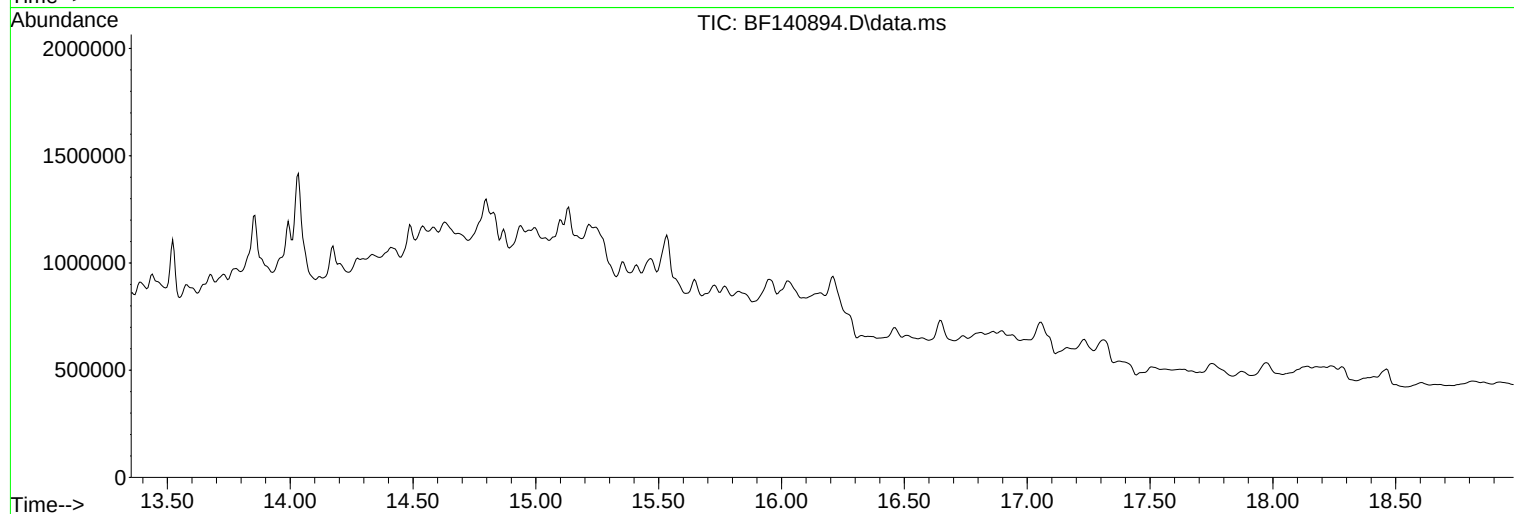
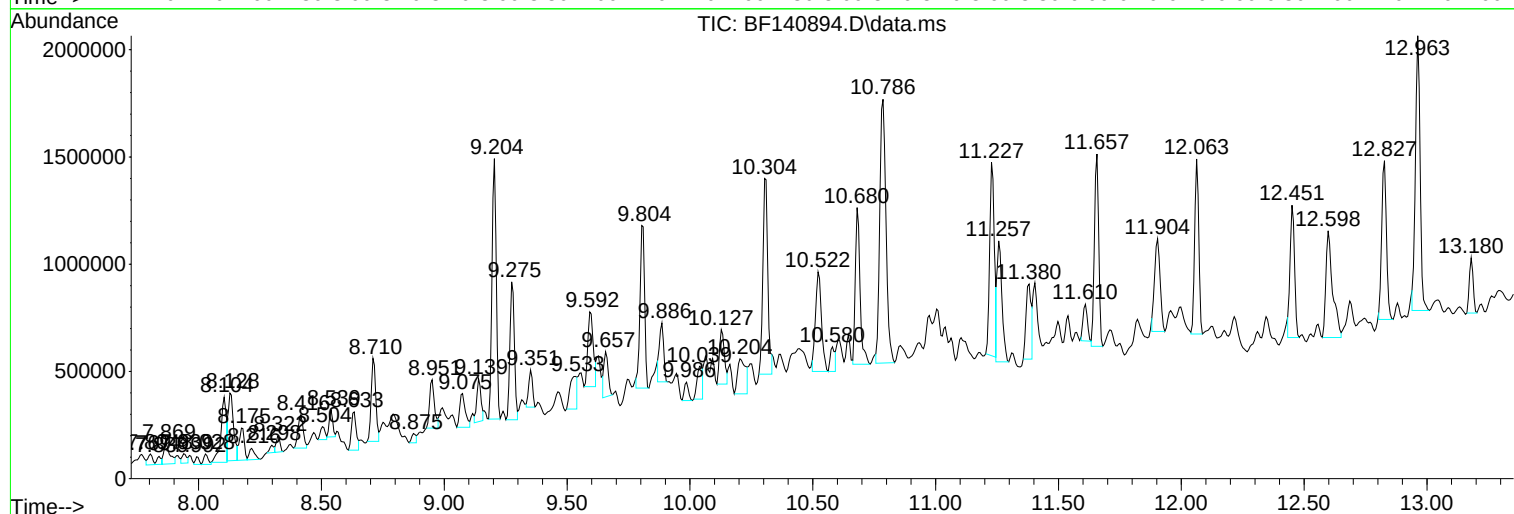
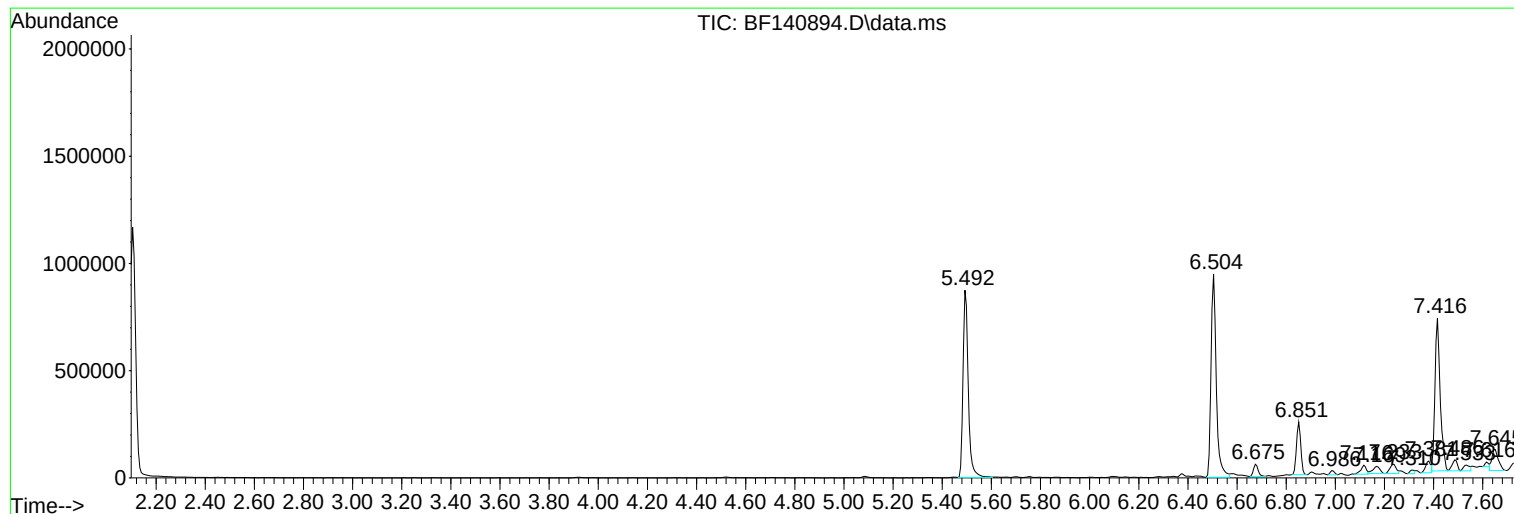
Sum of corrected areas: 30353794

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.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\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

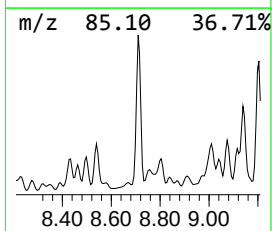
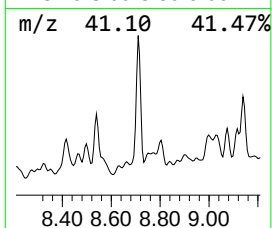
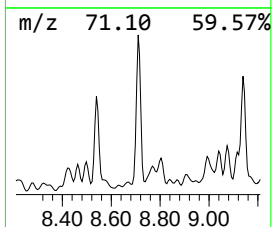
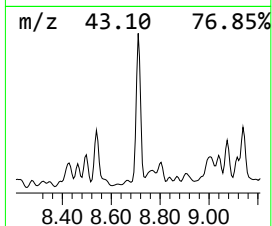
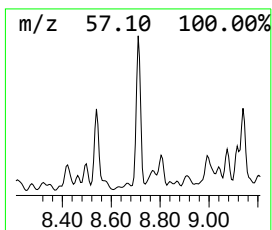
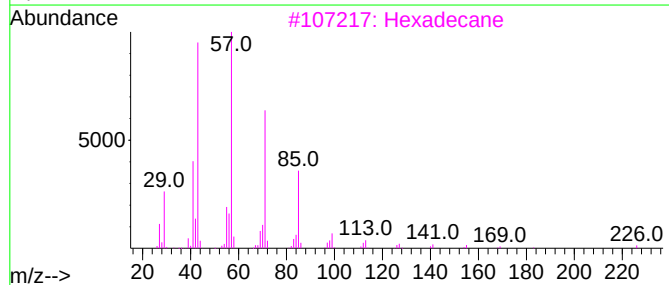
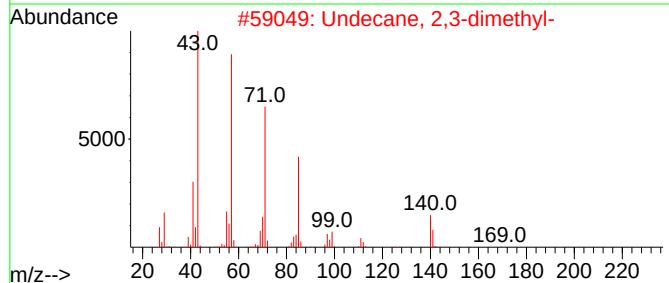
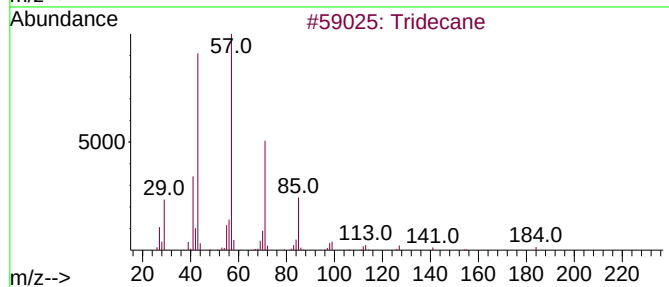
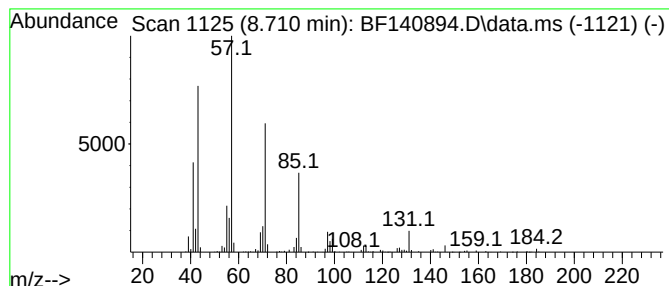
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.710	21.55 ng	507053	Naphthalene-d8	8.128

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	81
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
3			Hexadecane	226	C16H34	000544-76-3	74
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

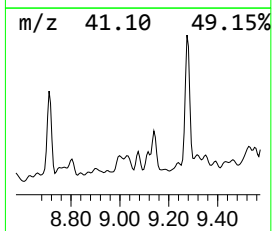
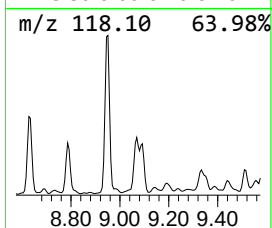
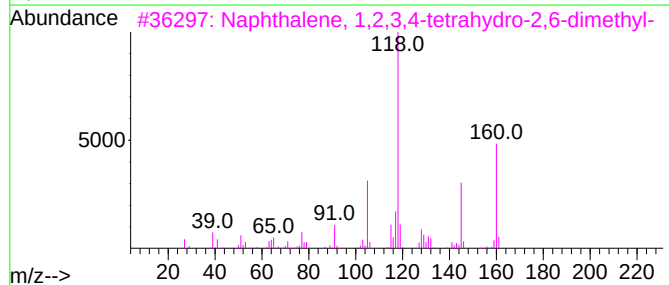
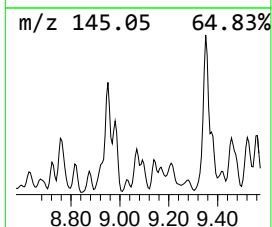
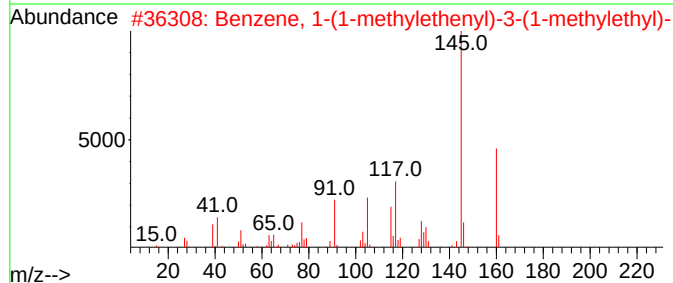
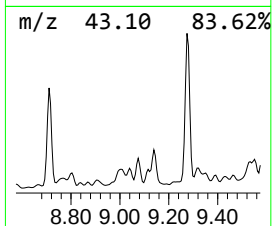
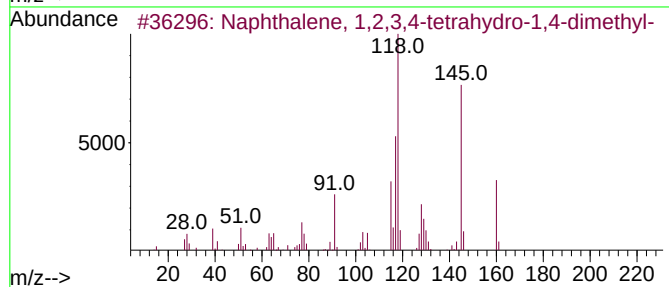
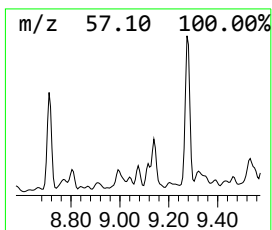
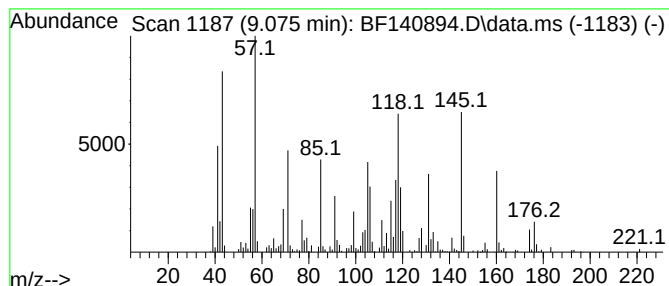
Instrument :
BNA_F
ClientSampleId :
HR-04-121624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown9.075 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.075	15.52 ng	253228	Acenaphthene-d10		9.886	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	004175-54-6	46
2	Benzene, 1-(1-methylethenyl)-3-(...		160	C12H16	001129-29-9	38
3	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	007524-63-2	25
4	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	021693-54-9	25
5	4-(1H-Imidazol-4-yl)pyridine		145	C8H7N3	051746-87-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

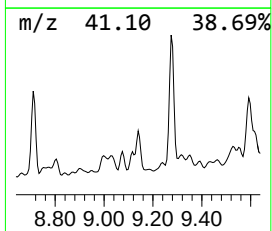
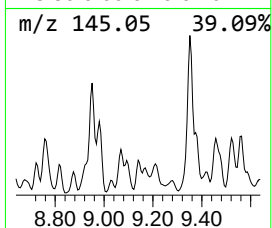
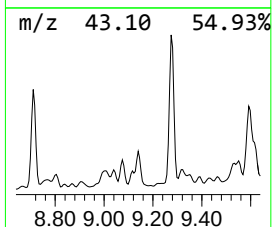
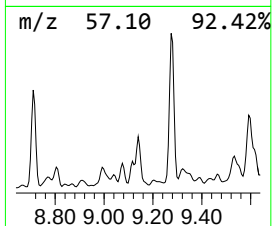
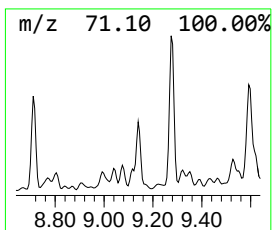
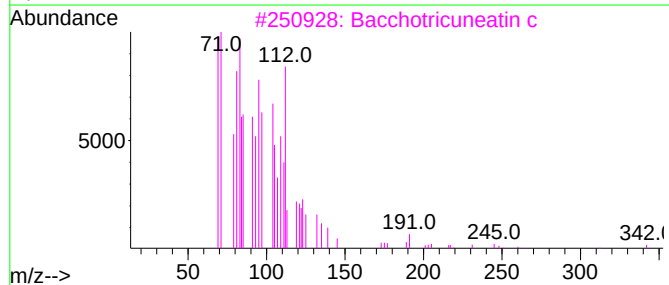
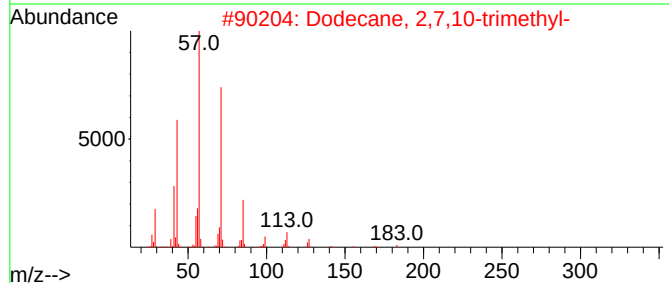
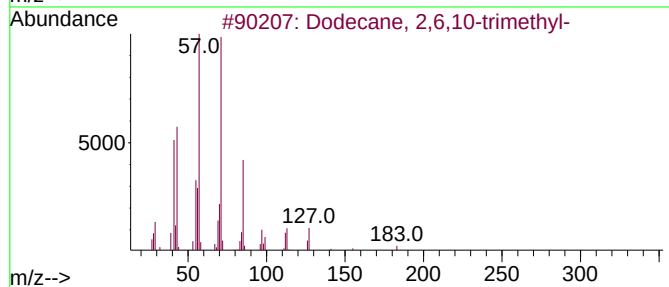
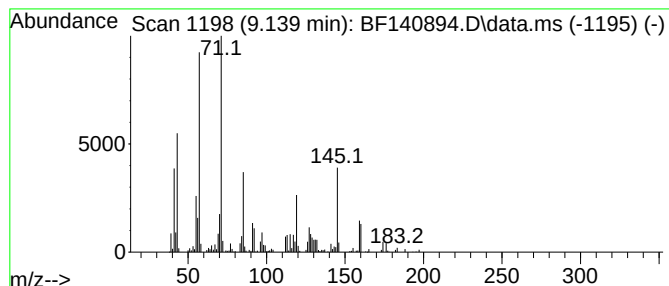
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown9.139 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.139	14.72 ng	240256	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	43
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	38
5			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

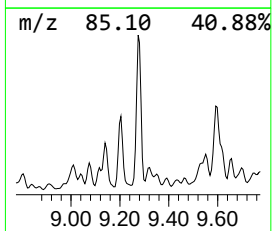
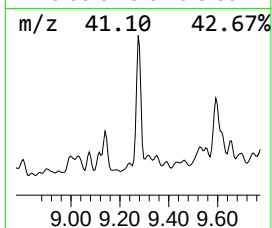
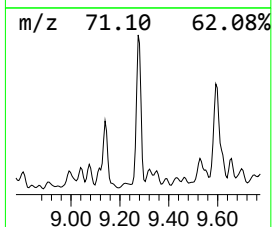
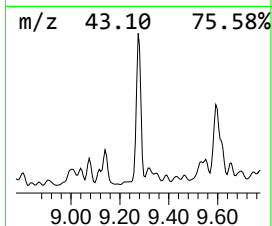
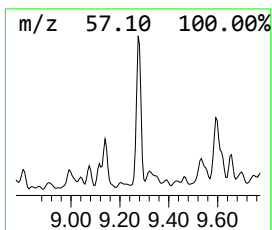
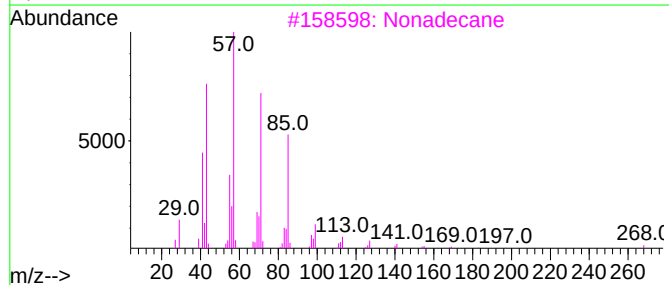
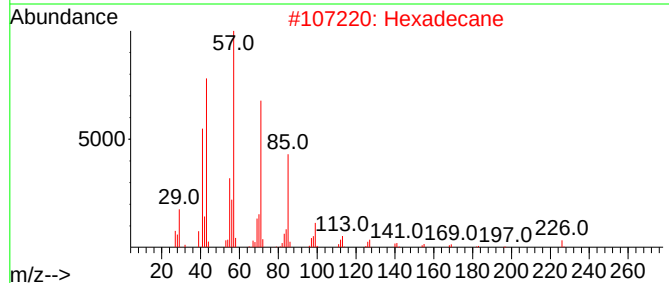
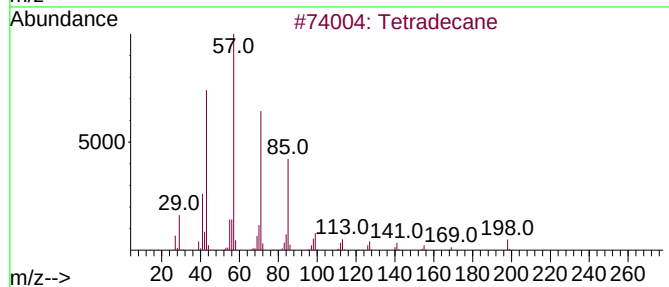
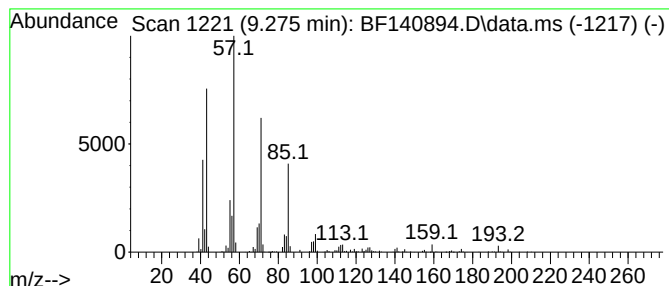
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	50.13 ng	817922	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			10-Methylnonadecane	282	C20H42	056862-62-5	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

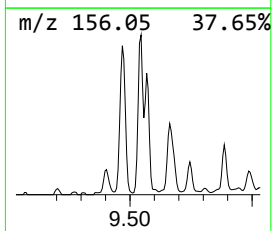
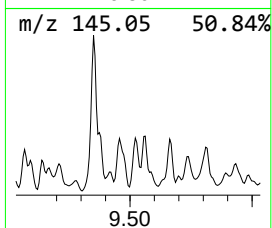
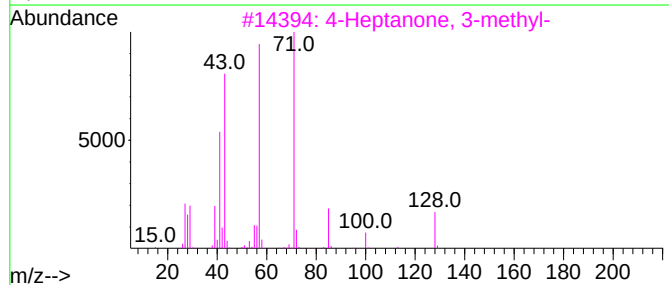
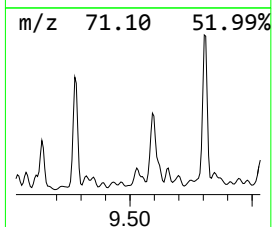
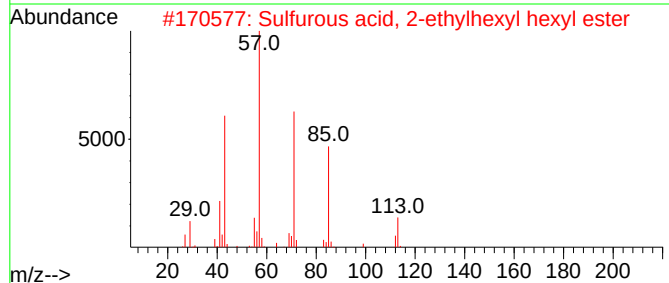
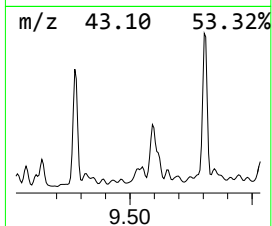
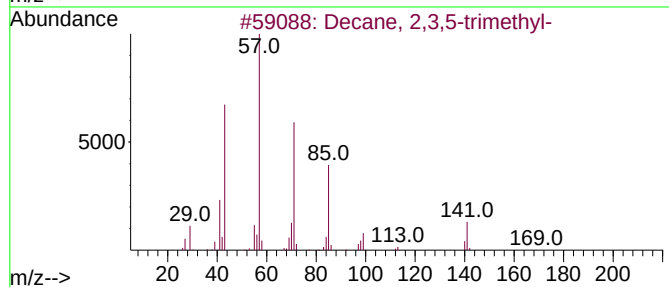
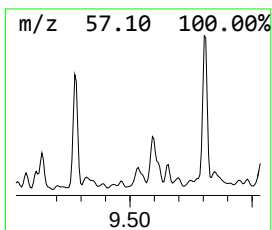
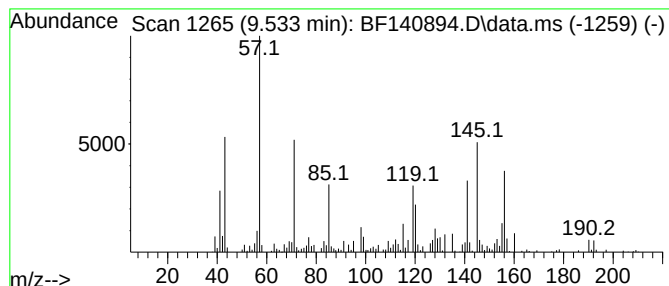
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.533 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	18.24 ng	297556	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	27
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	18
3			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	18
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	15
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

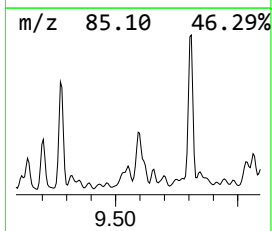
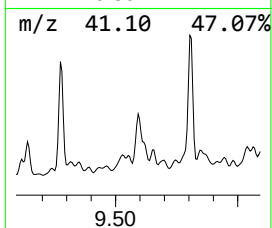
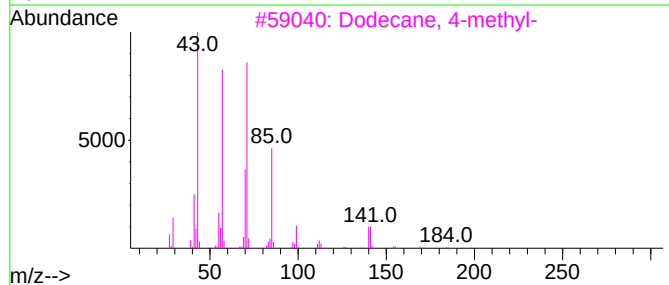
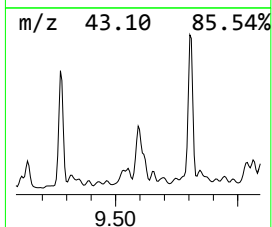
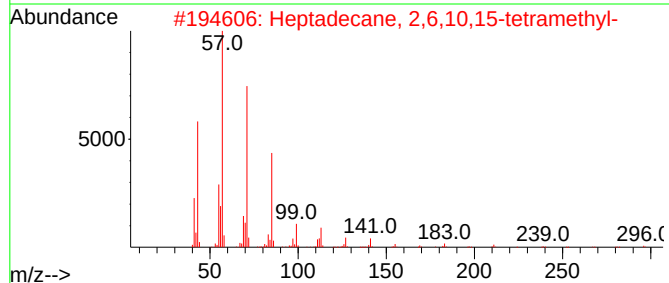
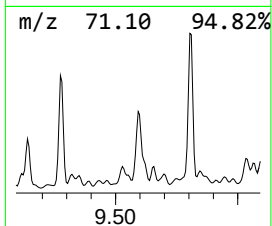
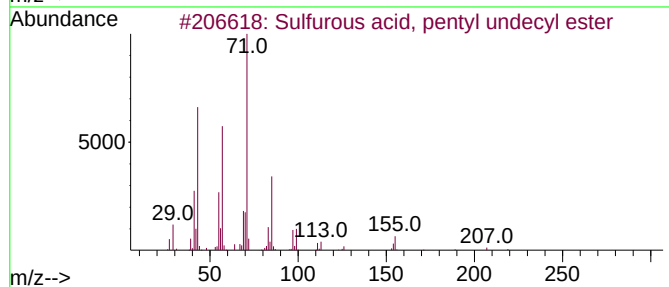
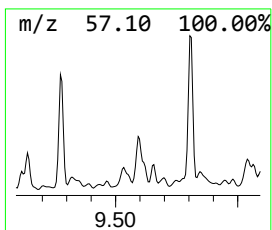
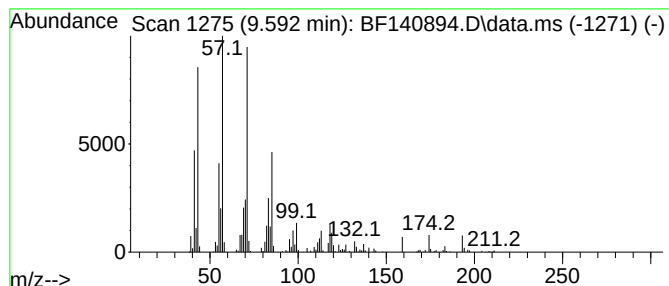
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, pentyl unde... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	33.69 ng	549655	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	72
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	58
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

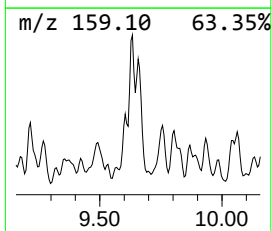
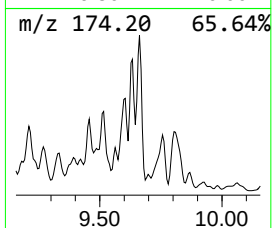
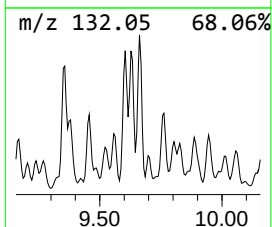
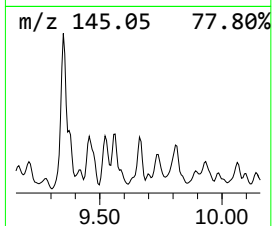
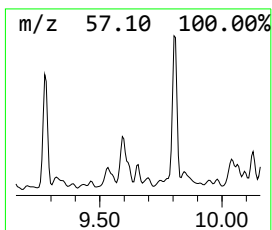
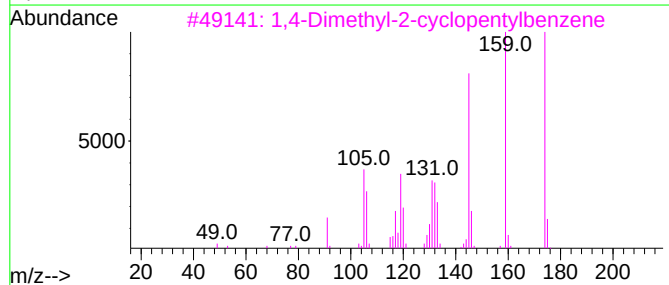
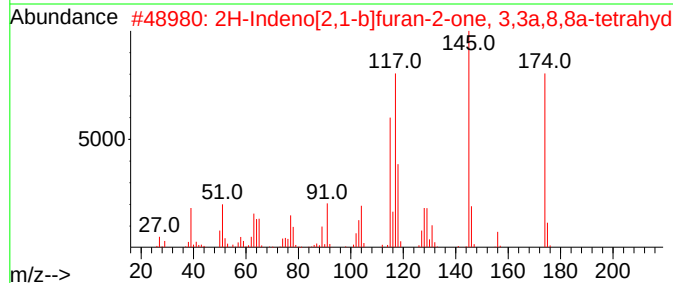
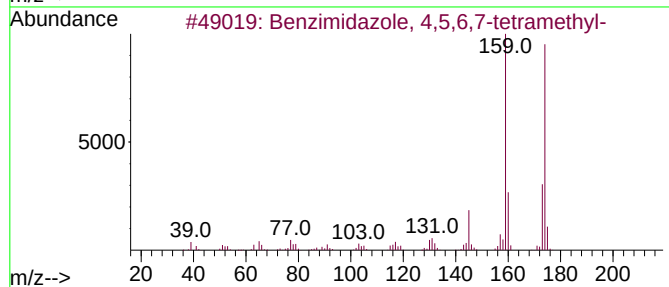
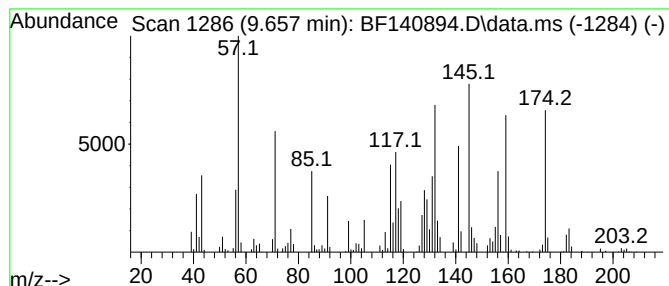
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.657 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	15.23 ng	248561	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzimidazole, 4,5,6,7-tetramethyl-	174	C11H14N2	106148-67-8	45
2			2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	45
3			1,4-Dimethyl-2-cyclopentylbenzene	174	C13H18	062379-92-4	41
4			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	38
5			Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

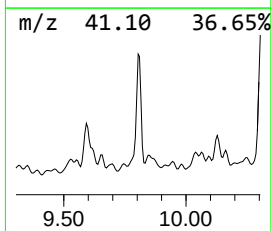
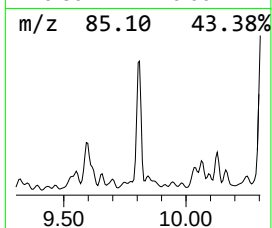
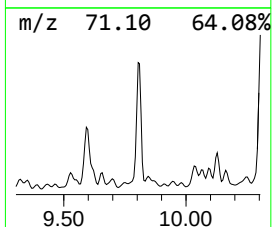
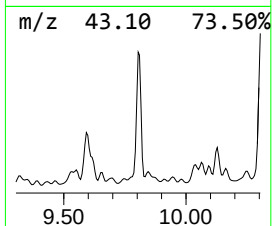
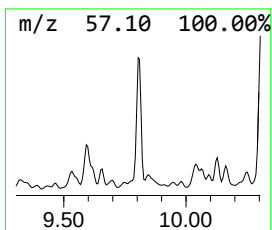
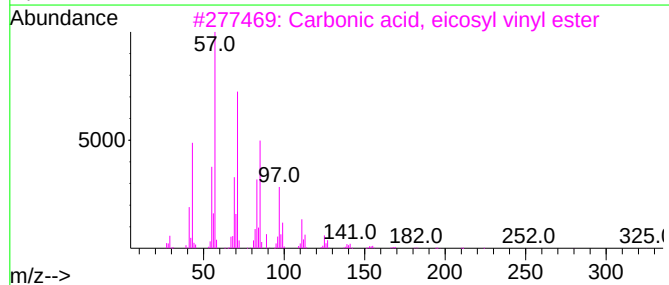
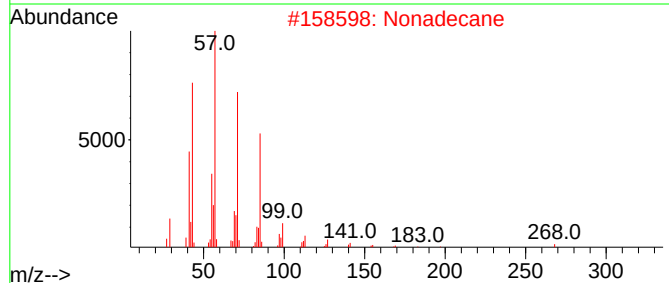
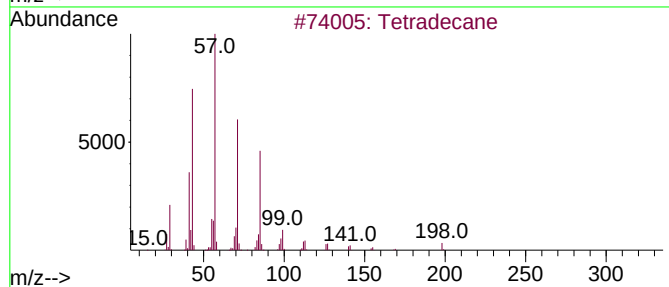
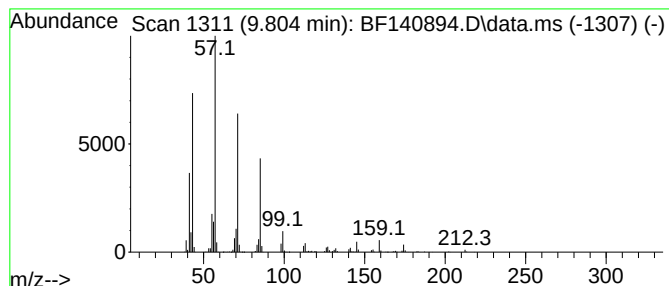
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	60.68 ng	990043	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	83
2			Nonadecane	268	C19H40	000629-92-5	80
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	74
4			Tridecane	184	C13H28	000629-50-5	58
5			Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

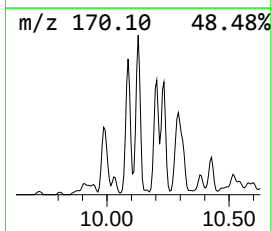
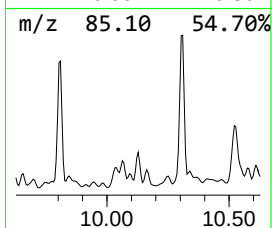
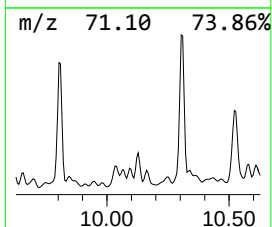
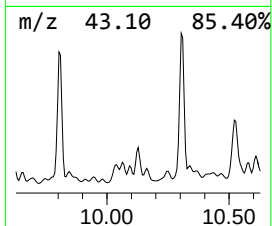
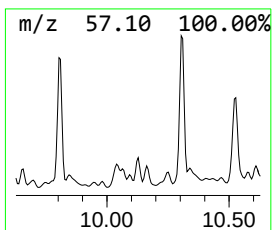
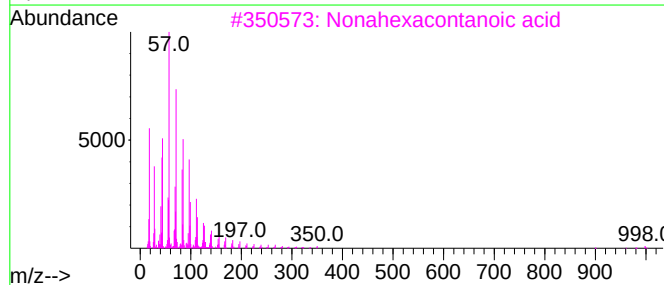
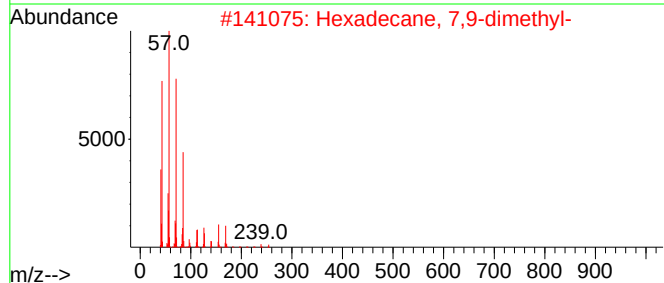
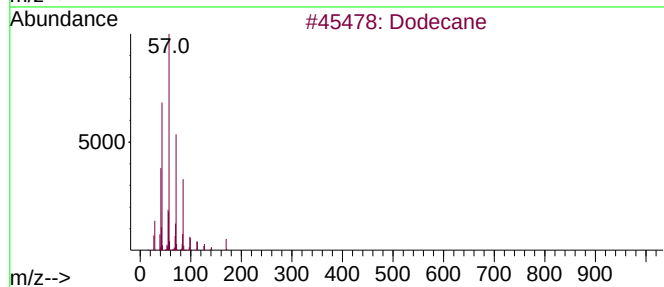
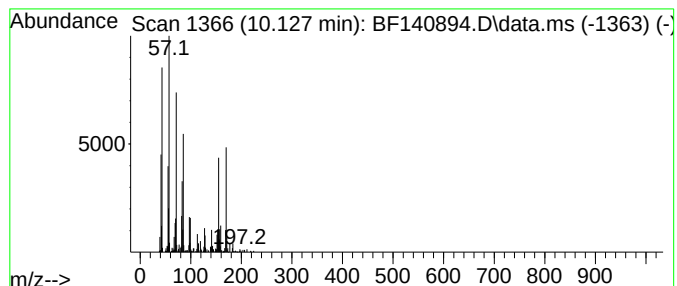
Instrument :
BNA_F
ClientSampleId :
HR-04-121624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.127	21.98 ng	358645	Acenaphthene-d10		9.886	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	70
2	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	49
3	Nonahexacontanoic acid		999	C69H138O2	040710-32-5	46
4	2-Bromotetradecane		276	C14H29Br	074036-95-6	46
5	Heneicosane		296	C21H44	000629-94-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

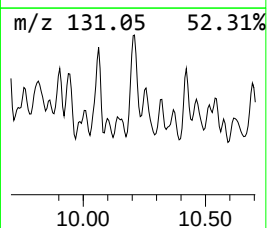
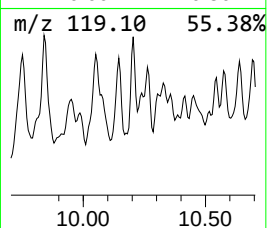
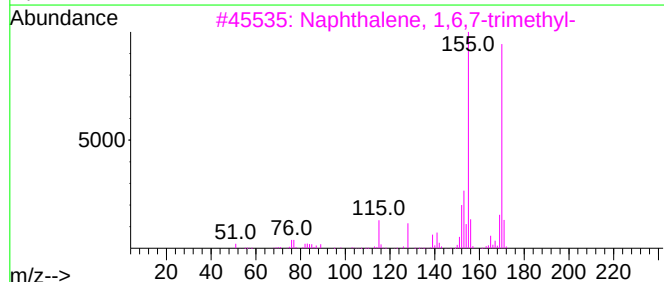
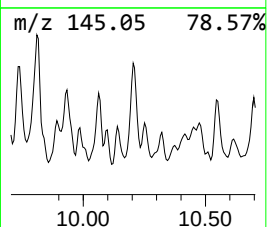
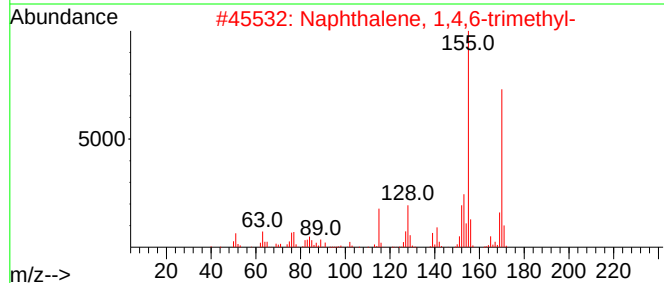
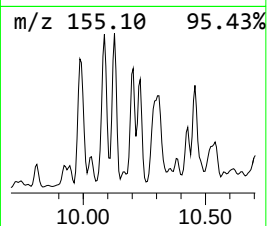
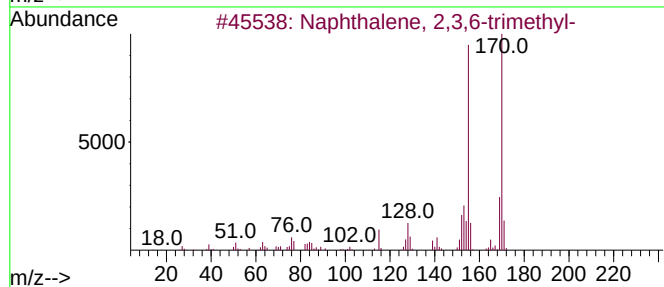
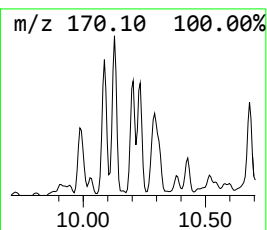
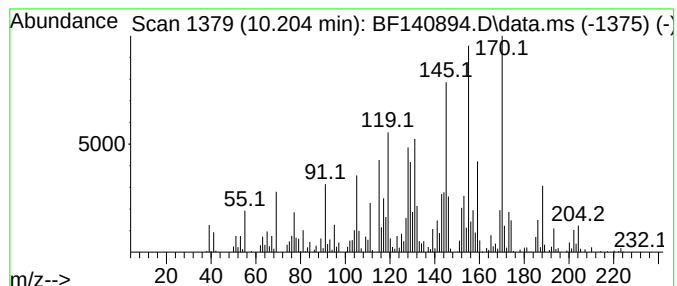
Instrument :
BNA_F
ClientSampleId :
HR-04-121624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.204	23.65 ng	385888	Acenaphthene-d10	9.886	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

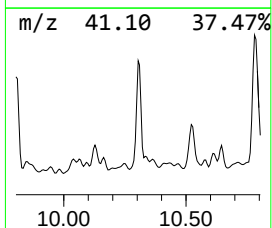
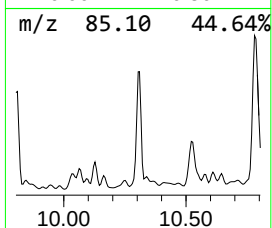
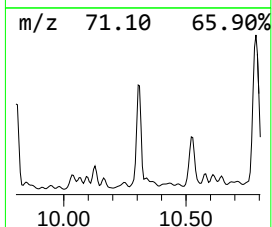
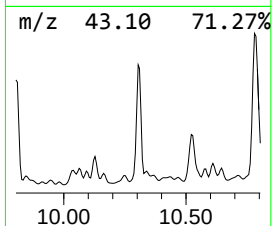
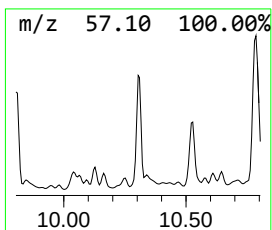
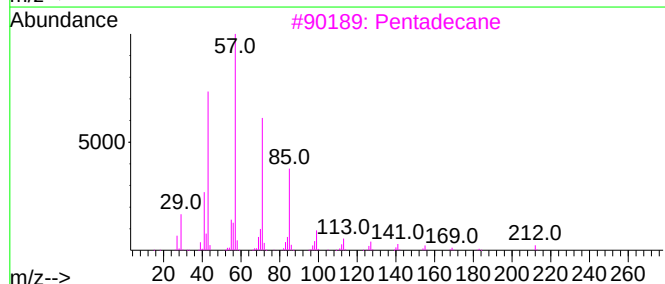
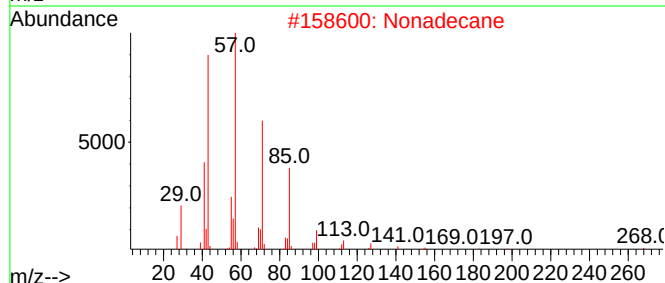
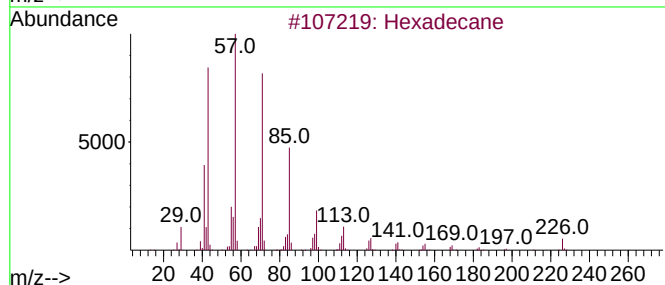
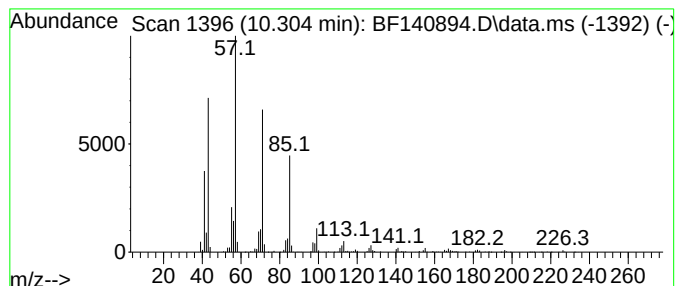
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	78.84 ng	1286320	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

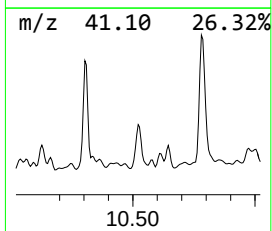
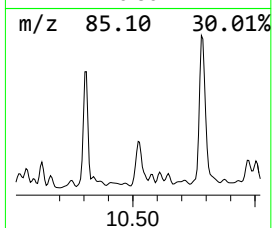
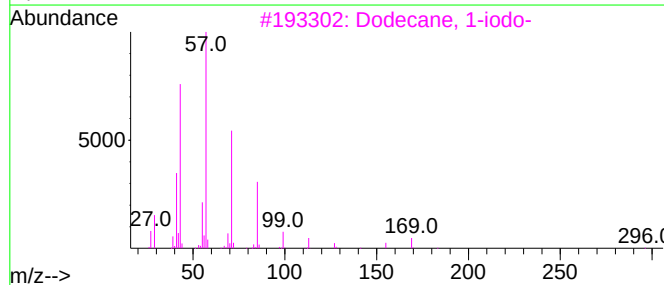
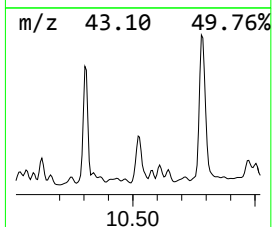
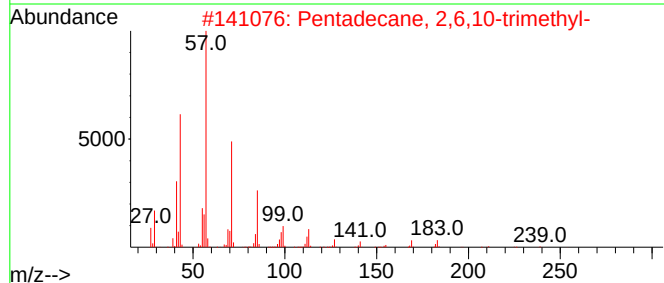
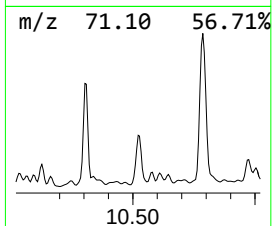
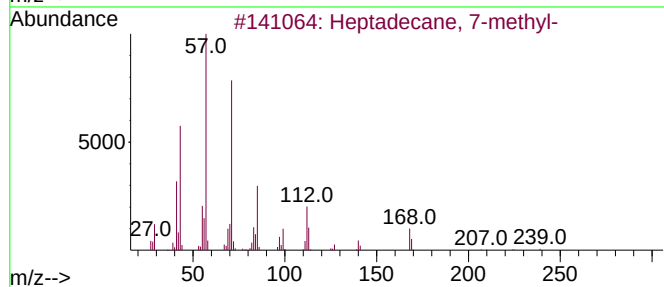
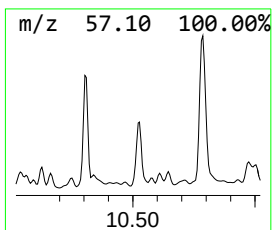
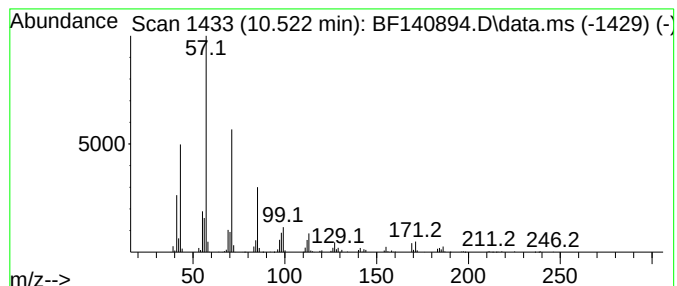
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	47.99 ng	783083	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

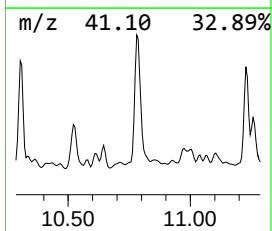
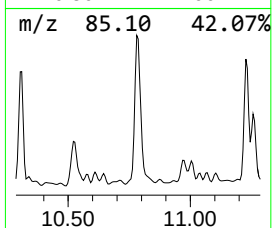
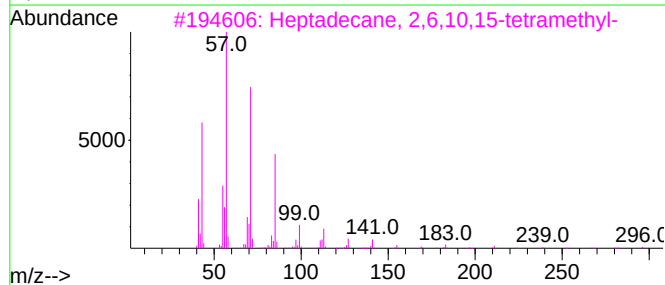
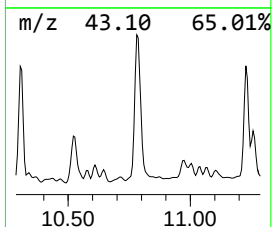
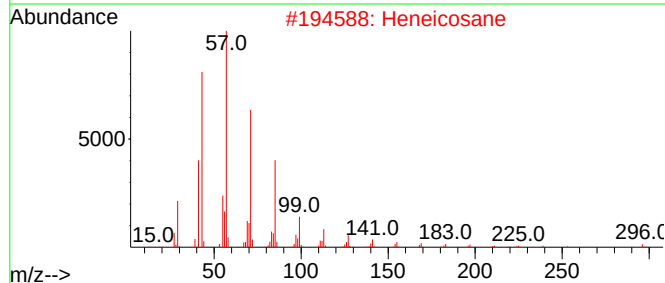
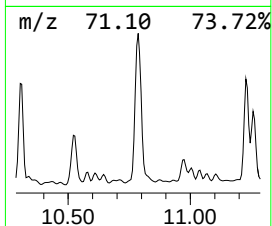
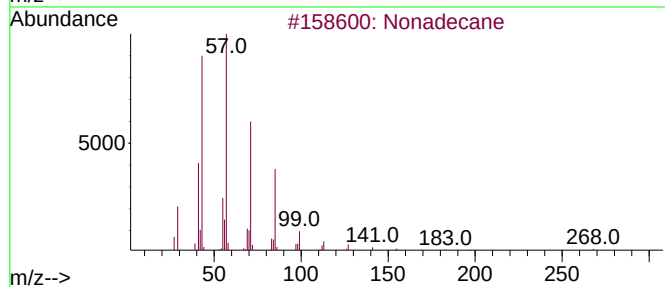
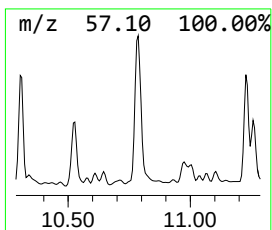
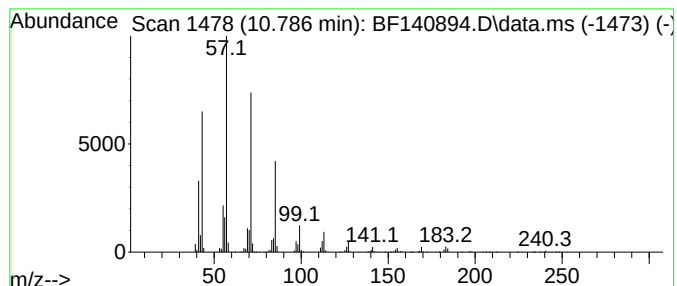
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	82.03 ng	2168870	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Undecane	156	C11H24	001120-21-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

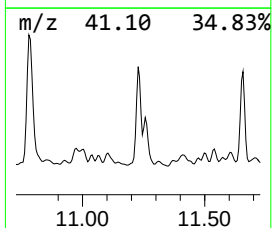
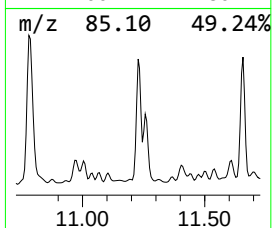
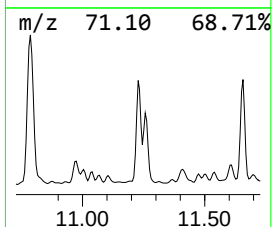
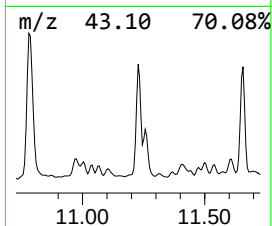
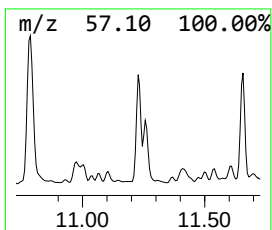
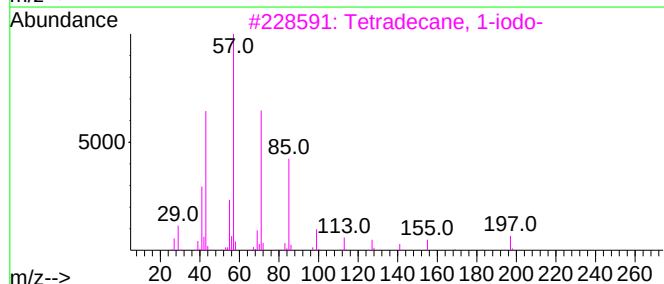
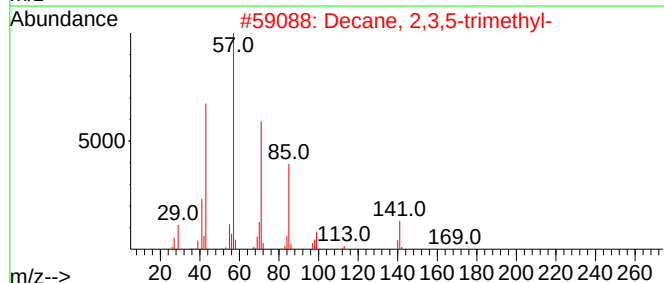
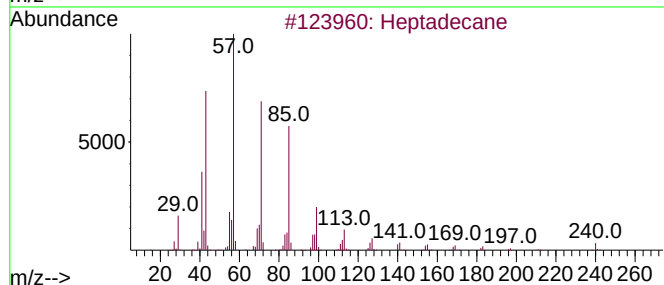
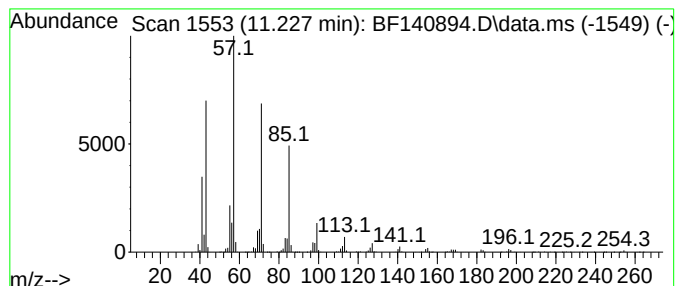
Instrument :
BNA_F
ClientSampleId :
HR-04-121624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.227	46.05 ng	1217480	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	86
3	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
5	Nonadecane		268	C19H40	000629-92-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

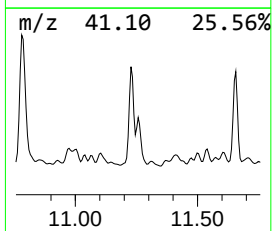
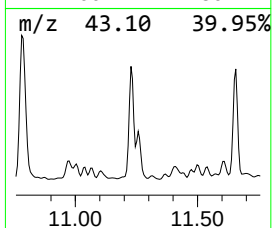
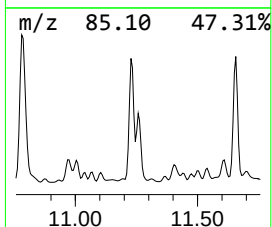
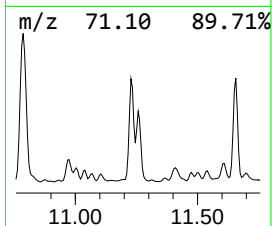
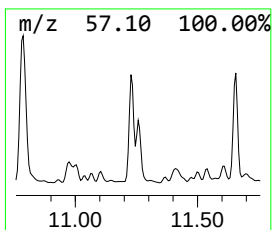
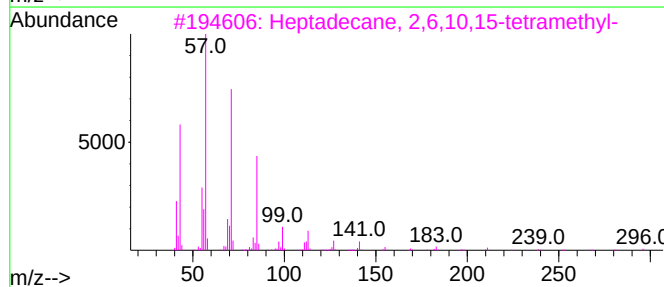
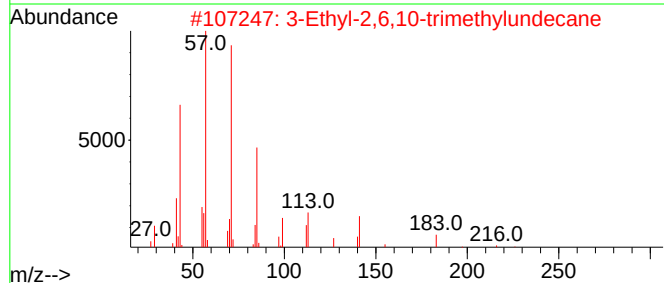
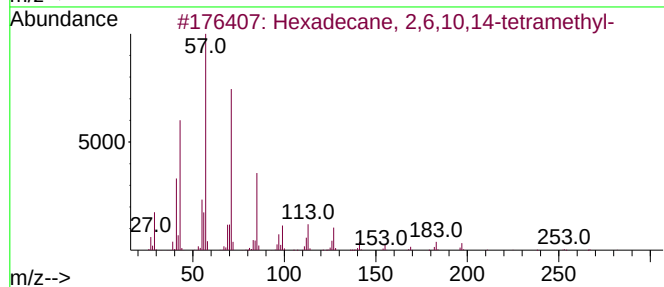
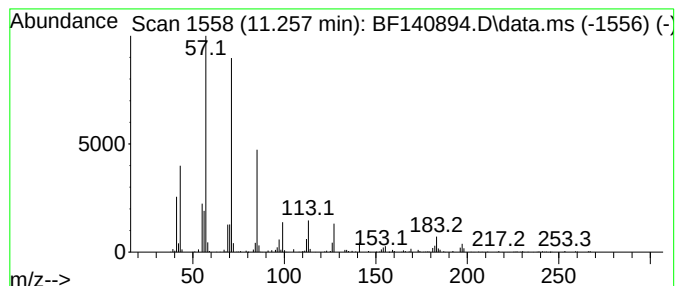
Instrument :
BNA_F
ClientSampleId :
HR-04-121624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.257	29.11 ng	769765	Phenanthrene-d10	11.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Nonadecane	268	C19H40	000629-92-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

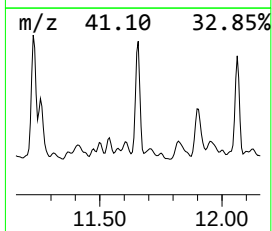
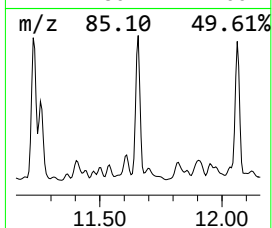
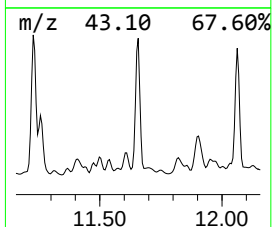
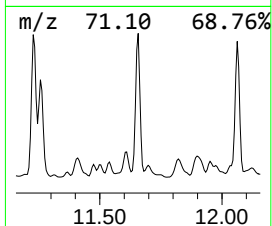
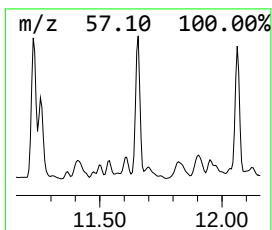
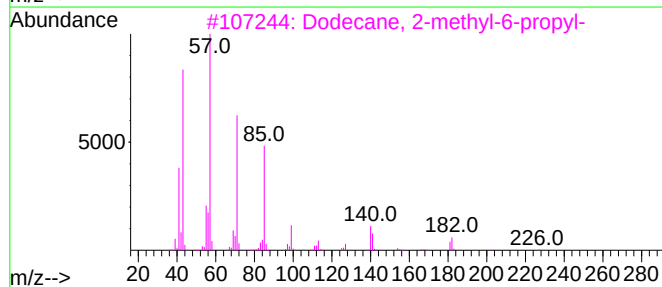
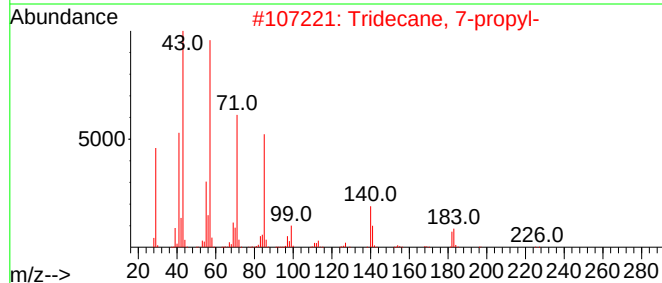
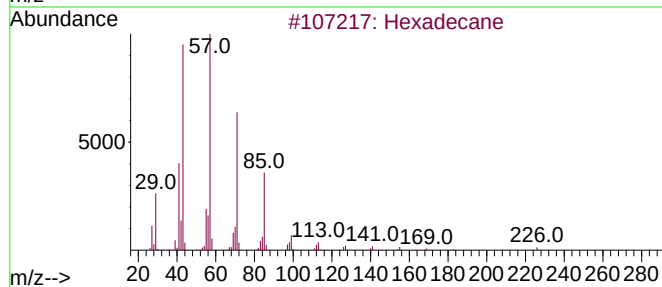
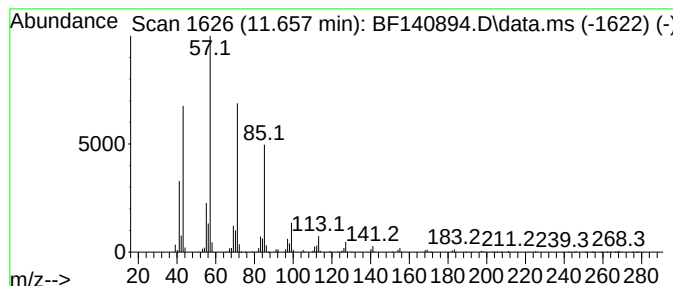
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 7-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	41.36 ng	1093630	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4			Nonadecane	268	C19H40	000629-92-5	91
5			Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

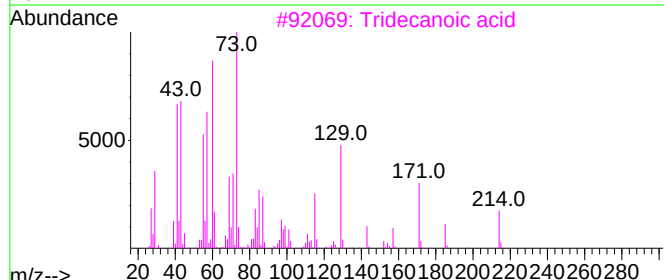
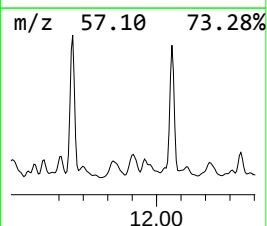
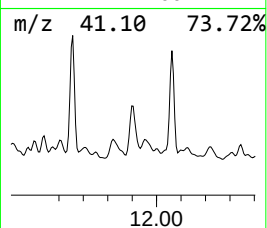
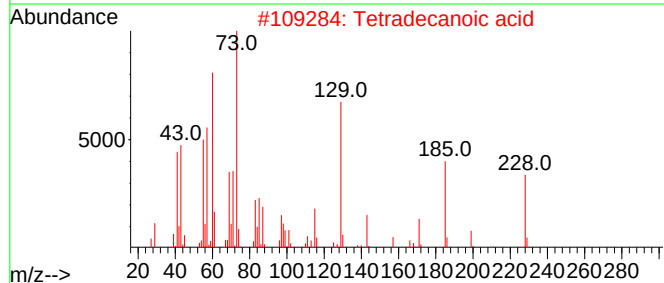
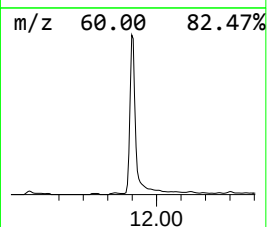
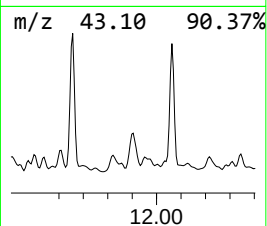
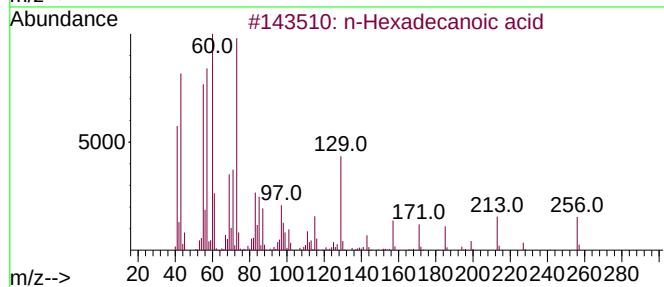
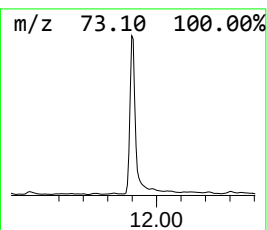
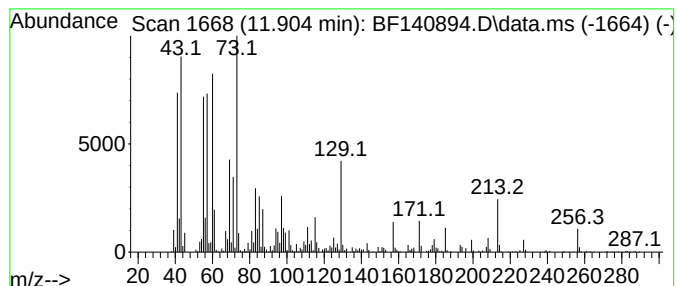
Instrument :
BNA_F
ClientSampleId :
HR-04-121624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.904	25.60 ng	676718	Phenanthrene-d10	11.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

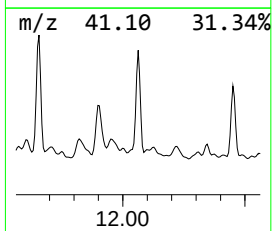
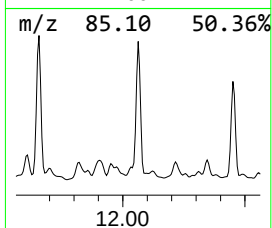
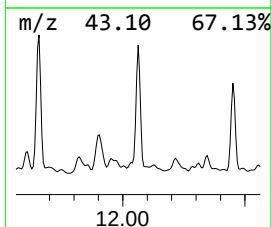
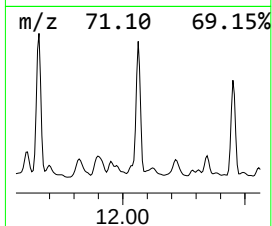
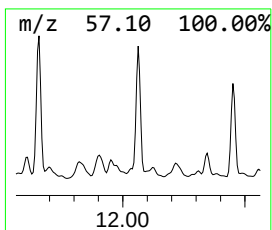
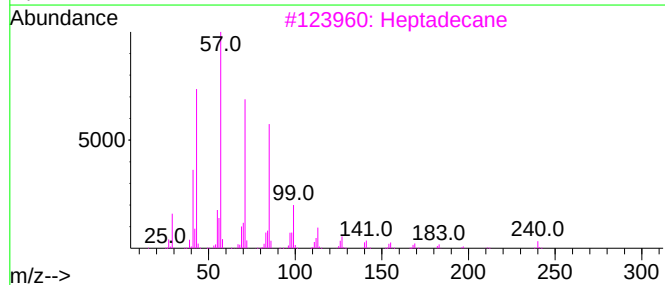
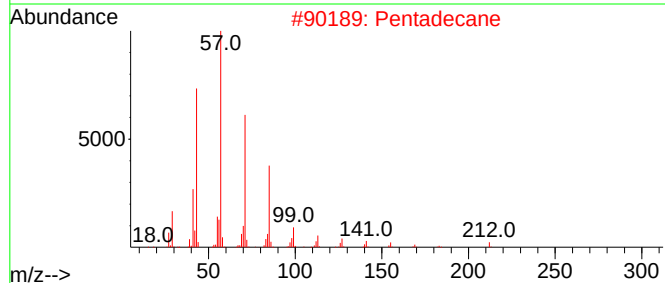
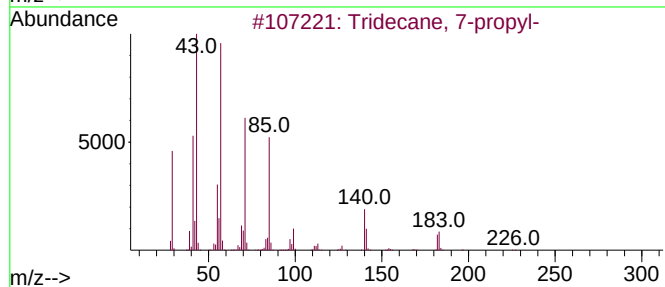
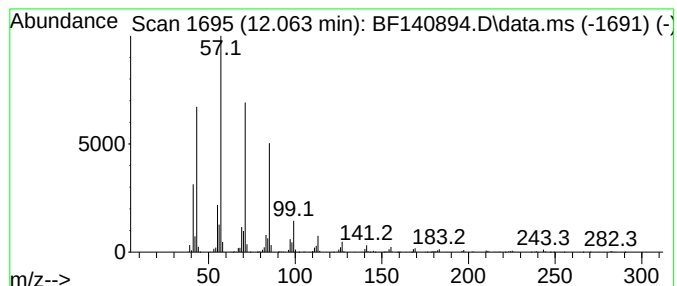
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	36.00 ng	951746	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2			Pentadecane	212	C15H32	000629-62-9	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

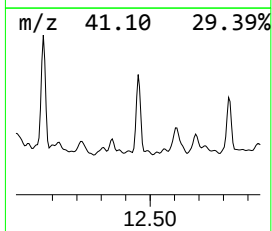
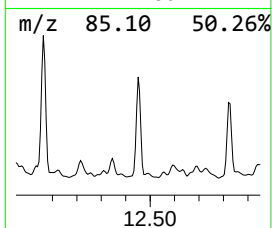
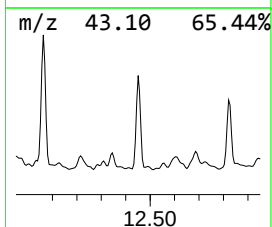
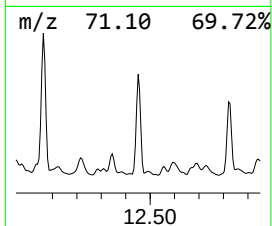
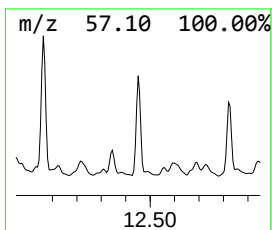
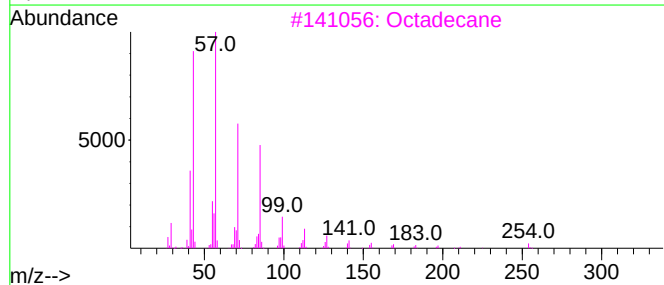
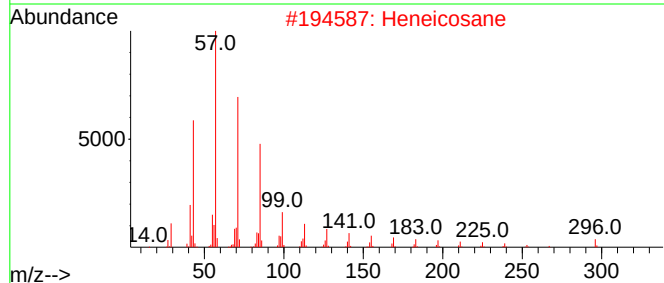
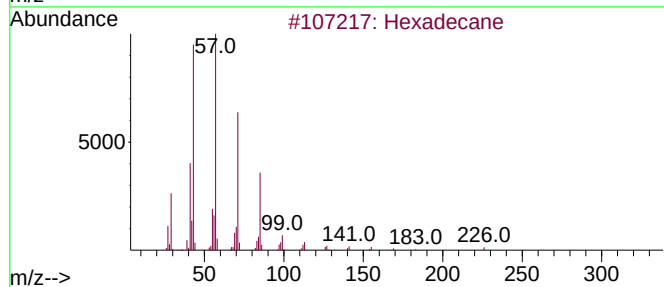
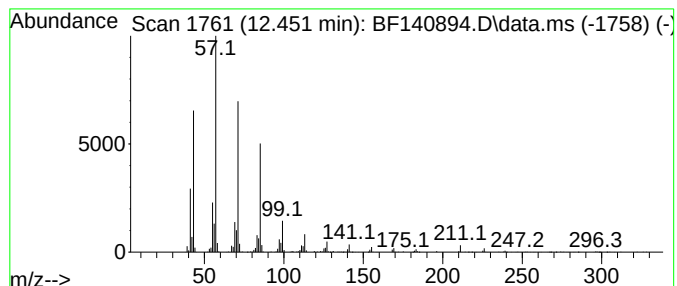
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	29.43 ng	777991	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Heneicosane	296	C21H44	000629-94-7	96
3			Octadecane	254	C18H38	000593-45-3	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

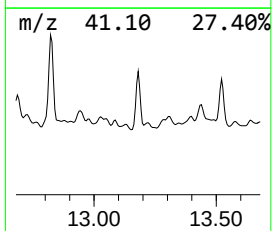
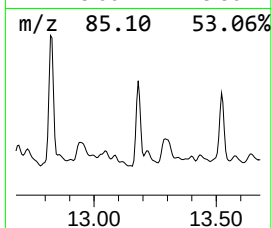
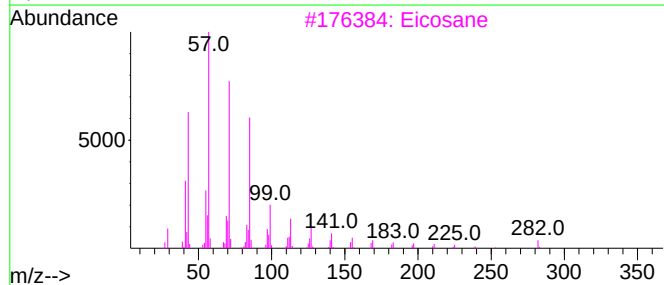
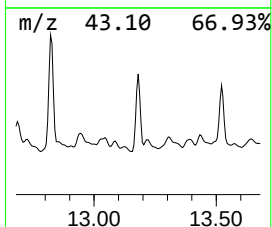
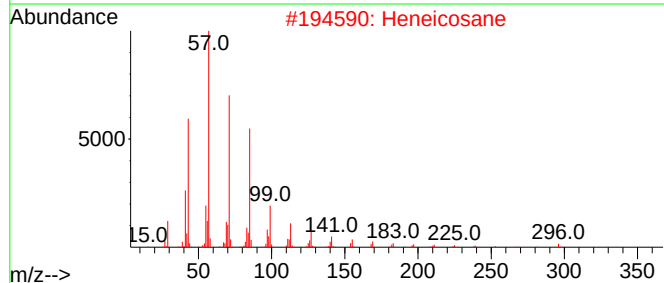
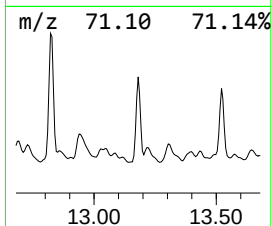
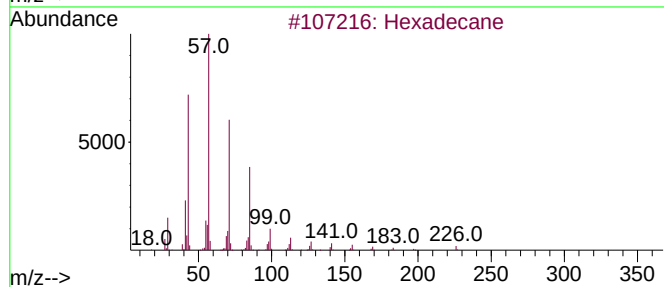
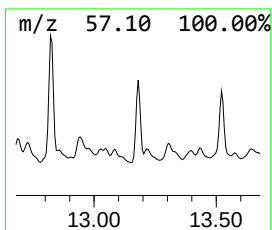
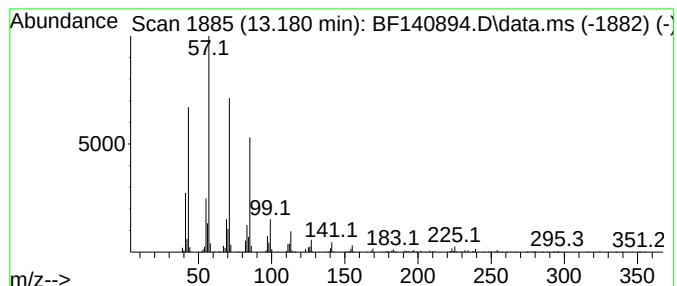
Instrument :
BNA_F
ClientSampleId :
HR-04-121624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.180	20.00 ng	280498	Chrysene-d12		14.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	96
2	Heneicosane		296	C21H44	000629-94-7	91
3	Eicosane		282	C20H42	000112-95-8	90
4	Heptadecane		240	C17H36	000629-78-7	87
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140894.D
Acq On : 17 Dec 2024 19:07
Operator : RC/JU
Sample : P5301-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.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
Tridecane	8.710	21.6	ng	507053	2	8.128	470688	20.0
unknown9.075	9.075	15.5	ng	253228	3	9.886	326330	20.0
unknown9.139	9.139	14.7	ng	240256	3	9.886	326330	20.0
Tetradecane	9.275	50.1	ng	817922	3	9.886	326330	20.0
unknown9.533	9.533	18.2	ng	297556	3	9.886	326330	20.0
Sulfurous acid,...	9.592	33.7	ng	549655	3	9.886	326330	20.0
unknown9.657	9.657	15.2	ng	248561	3	9.886	326330	20.0
Nonadecane	9.804	60.7	ng	990043	3	9.886	326330	20.0
Dodecane	10.127	22.0	ng	358645	3	9.886	326330	20.0
Naphthalene, 2,...	10.204	23.6	ng	385888	3	9.886	326330	20.0
Hexadecane	10.304	78.8	ng	1286320	3	9.886	326330	20.0
Heptadecane, 7-...	10.522	48.0	ng	783083	3	9.886	326330	20.0
Heneicosane	10.786	82.0	ng	2168870	4	11.380	528781	20.0
Heptadecane	11.227	46.0	ng	1217480	4	11.380	528781	20.0
Hexadecane, 2,6...	11.257	29.1	ng	769765	4	11.380	528781	20.0
Tridecane, 7-pr...	11.657	41.4	ng	1093630	4	11.380	528781	20.0
n-Hexadecanoic ...	11.904	25.6	ng	676718	4	11.380	528781	20.0
Pentadecane	12.063	36.0	ng	951746	4	11.380	528781	20.0
Octadecane	12.451	29.4	ng	777991	4	11.380	528781	20.0
Eicosane	13.180	20.0	ng	280498	5	14.033	280498	20.0