

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136519.D
 Acq On : 12 Dec 2023 16:49
 Operator : CG\JU
 Sample : 05701-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-120723

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-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136519.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	564	568	577	rVB	989973	839942	5.02%	1.569%
2	6.434	735	739	743	rBV	932295	804352	4.81%	1.503%
3	6.628	768	772	779	rBV2	273513	341842	2.04%	0.639%
4	6.793	796	800	804	rBV	633184	573103	3.42%	1.071%
5	7.351	892	895	899	rVV	696256	623894	3.73%	1.166%
6	7.387	899	901	904	rVV	575734	455452	2.72%	0.851%
7	7.592	933	936	940	rVB2	169872	186002	1.11%	0.348%
8	7.757	960	964	966	rVB3	147776	182672	1.09%	0.341%
9	8.057	1012	1015	1016	rVV	965730	841871	5.03%	1.573%
10	8.069	1016	1017	1020	rVV	808952	605207	3.62%	1.131%
11	8.134	1024	1028	1030	rVB2	272664	292792	1.75%	0.547%
12	8.363	1062	1067	1074	rVB6	206494	342981	2.05%	0.641%
13	8.451	1079	1082	1085	rBV3	225367	204686	1.22%	0.382%
14	8.492	1085	1089	1091	rBV3	265283	245898	1.47%	0.459%
15	8.575	1100	1103	1106	rBV2	319121	261264	1.56%	0.488%
16	8.663	1115	1118	1122	rBV	826113	771124	4.61%	1.441%
17	8.892	1153	1157	1160	rBV2	202984	202351	1.21%	0.378%
18	9.034	1176	1181	1183	rVB3	168548	223182	1.33%	0.417%
19	9.092	1189	1191	1193	rVV2	244481	220150	1.32%	0.411%
20	9.145	1197	1200	1205	rVB	1168772	991046	5.92%	1.852%
21	9.234	1211	1215	1219	rBV	922878	805817	4.82%	1.506%
22	9.486	1256	1258	1260	rVV3	176330	168150	1.00%	0.314%
23	9.551	1264	1269	1271	rVV4	358178	419232	2.51%	0.783%
24	9.575	1271	1273	1276	rVV2	223989	212621	1.27%	0.397%
25	9.610	1276	1279	1282	rVB2	201216	179433	1.07%	0.335%
26	9.763	1302	1305	1309	rVB	972505	709168	4.24%	1.325%
27	9.828	1313	1316	1319	rVB	863770	666365	3.98%	1.245%
28	10.086	1356	1360	1363	rBV3	187265	228161	1.36%	0.426%
29	10.263	1387	1390	1393	rBV	827816	645910	3.86%	1.207%
30	10.486	1422	1428	1431	rBV	276426	366185	2.19%	0.684%
31	10.616	1445	1450	1454	rVV3	524069	545353	3.26%	1.019%
32	10.739	1468	1471	1480	rBV	786813	857414	5.12%	1.602%
33	11.192	1544	1548	1550	rBV	572533	491291	2.94%	0.918%
34	11.222	1550	1553	1558	rVB	220398	246580	1.47%	0.461%
35	11.322	1566	1570	1572	rBV	605374	549673	3.28%	1.027%
36	11.622	1617	1621	1623	rBV	490956	399490	2.39%	0.746%

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Integrator: RTE

Smoothing : ON

Filtering: 5

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Peak Location: TOP

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

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37	11.727	1634	1639	1642	rVB	5177771	4530473	27.07%	8.465%
38	11.857	1658	1661	1664	rBV2	241966	251610	1.50%	0.470%
39	12.027	1687	1690	1697	rBV	395934	381693	2.28%	0.713%
40	12.433	1752	1759	1761	rBV	8752437	16735331	100.00%	31.271%
41	12.457	1761	1763	1767	rVB2	8302093	7566787	45.21%	14.139%
42	12.522	1771	1774	1781	rBV2	2436332	2253621	13.47%	4.211%
43	12.769	1813	1816	1818	rBV	358312	292581	1.75%	0.547%
44	12.792	1818	1820	1823	rVB2	265585	229151	1.37%	0.428%
45	12.916	1836	1841	1849	rVB	1041950	1005287	6.01%	1.878%
46	13.098	1866	1872	1878	rVB	137837	202287	1.21%	0.378%
47	13.151	1878	1881	1887	rBV2	227918	374013	2.23%	0.699%
48	13.245	1894	1897	1900	rVB2	200559	174633	1.04%	0.326%
49	13.921	2009	2012	2016	rVB	225845	184960	1.11%	0.346%
50	13.974	2016	2021	2023	rBV2	714872	837260	5.00%	1.564%
51	15.021	2195	2199	2202	rBV	179932	273987	1.64%	0.512%
52	15.110	2211	2214	2222	rVB2	165245	225262	1.35%	0.421%
53	15.321	2248	2250	2257	rVB	136739	185658	1.11%	0.347%
54	15.386	2258	2261	2268	rVB	196689	242367	1.45%	0.453%
55	15.457	2268	2273	2276	rBV	512928	648649	3.88%	1.212%
56	15.951	2353	2357	2361	rBV2	140899	221403	1.32%	0.414%

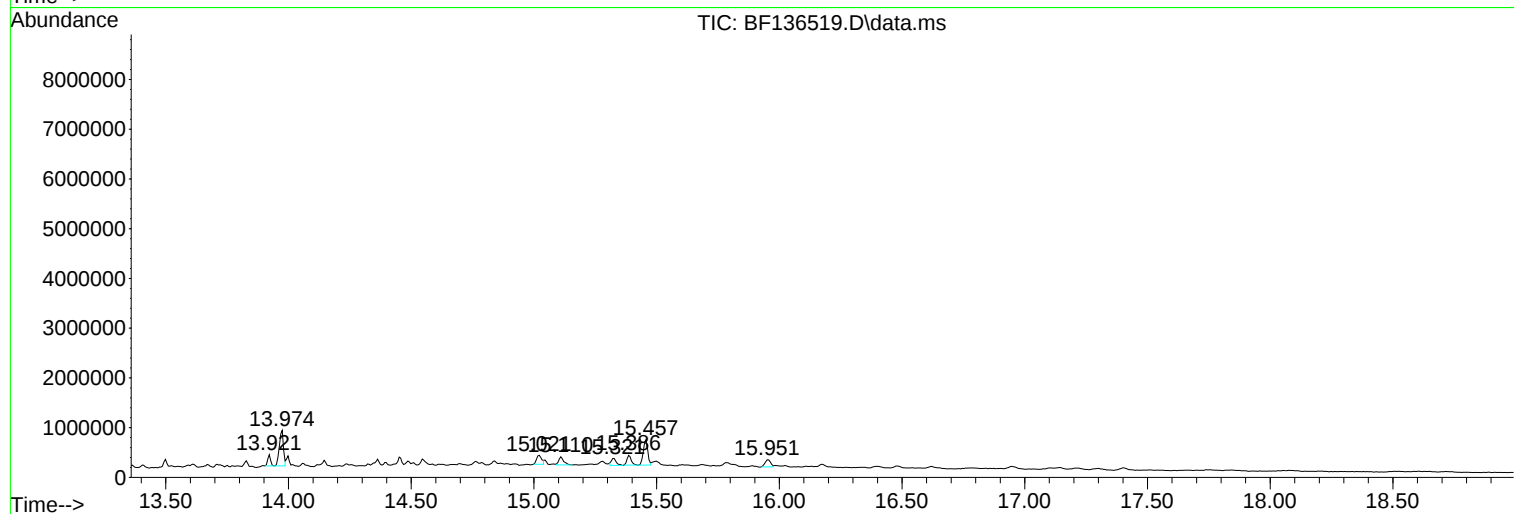
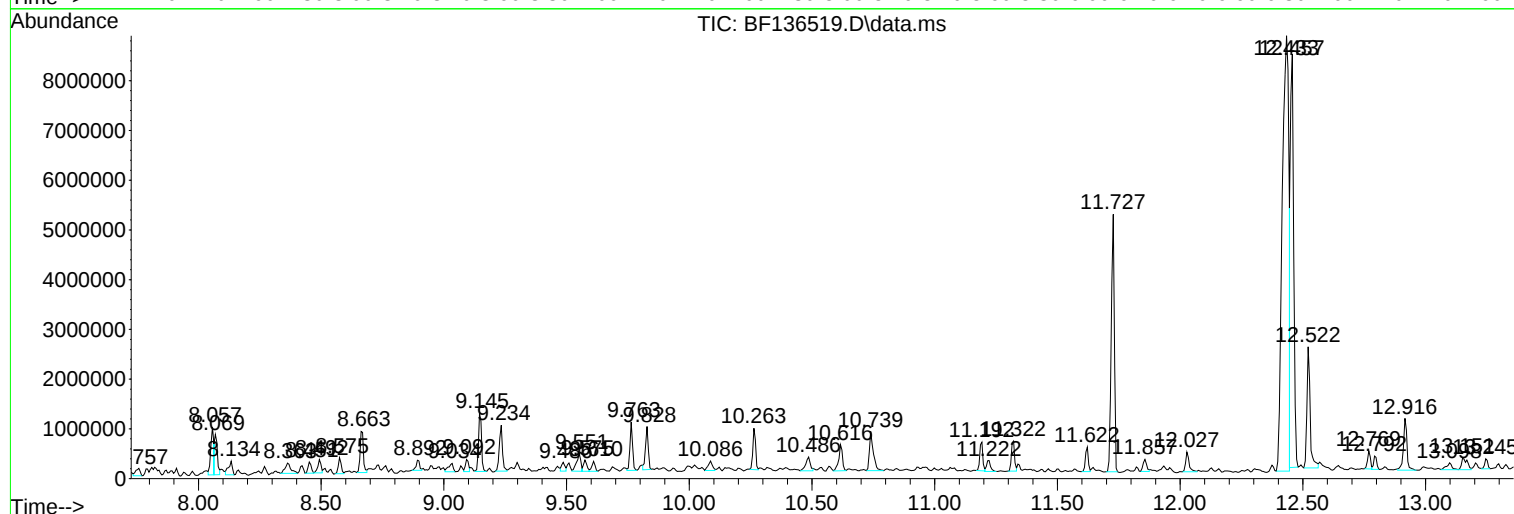
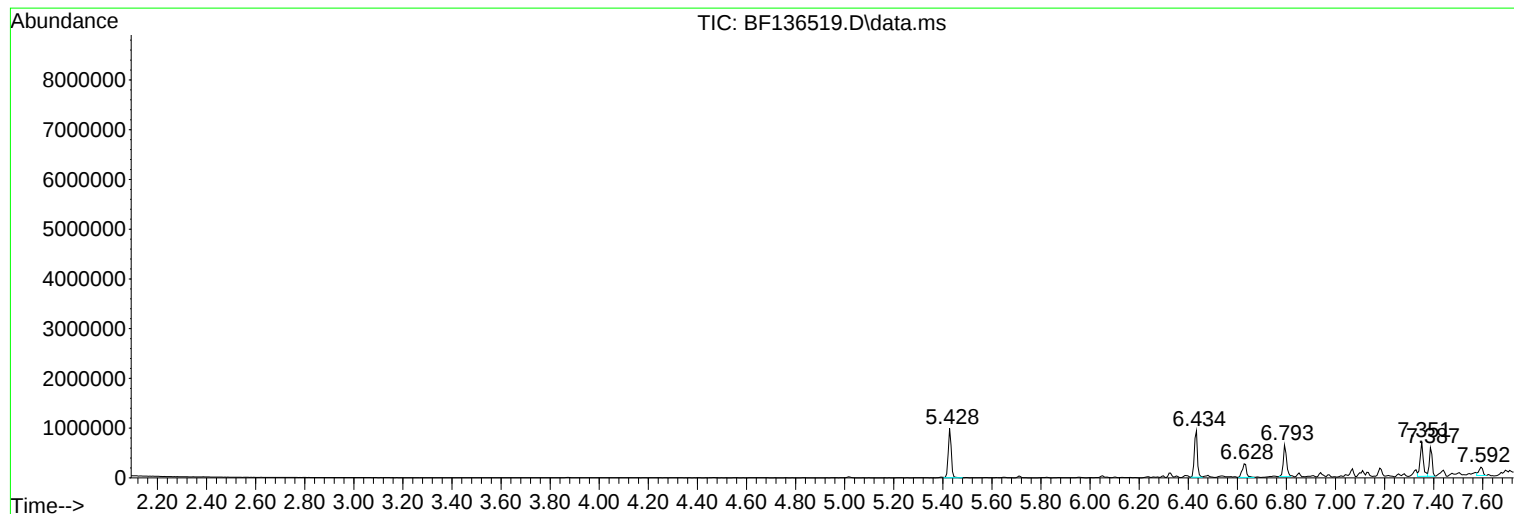
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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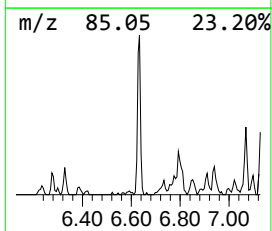
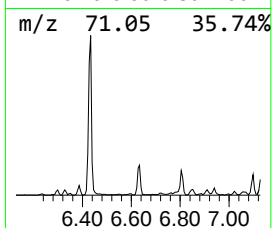
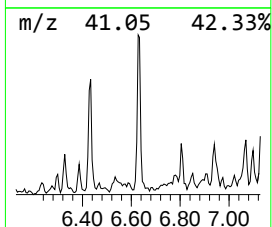
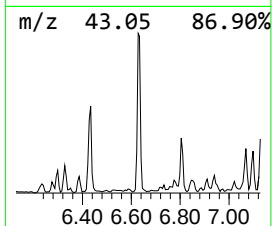
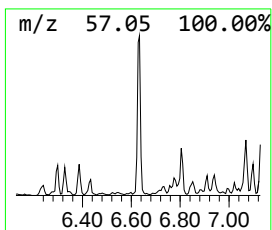
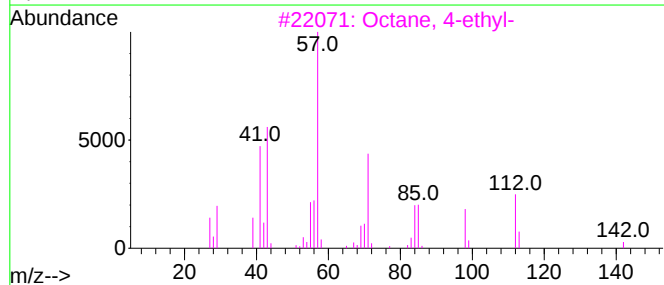
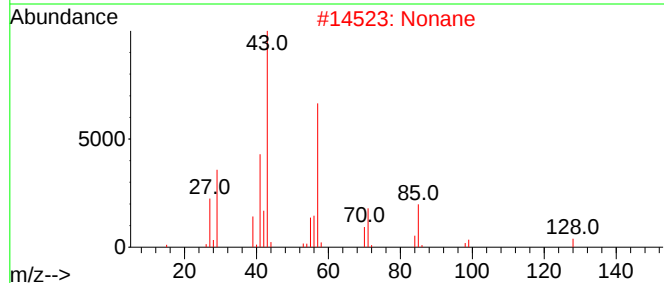
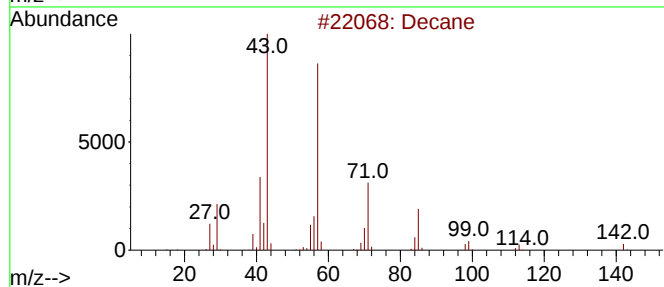
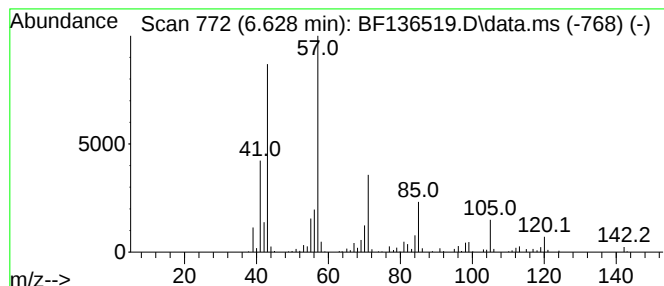
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	11.93 ng	341842	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	93
2			Nonane	128	C9H20	000111-84-2	80
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	74
4			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	72
5			Pentadecane	212	C15H32	000629-62-9	64



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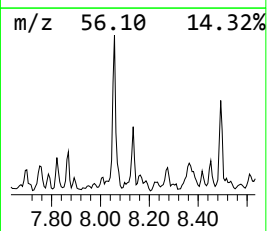
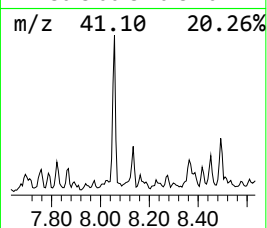
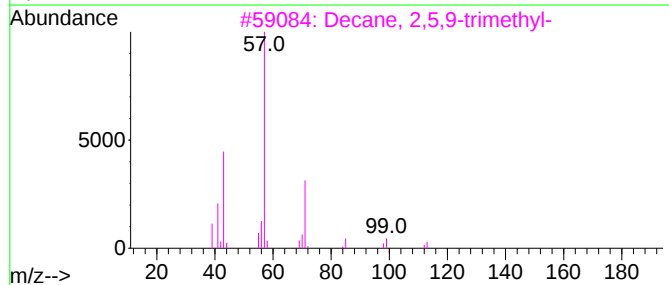
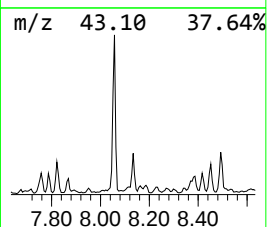
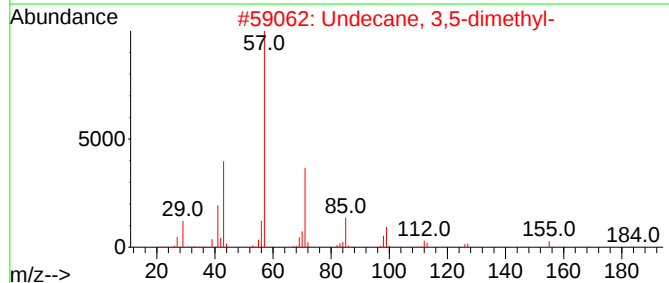
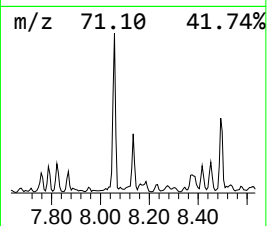
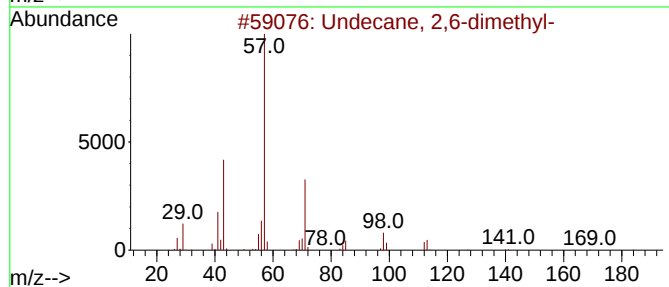
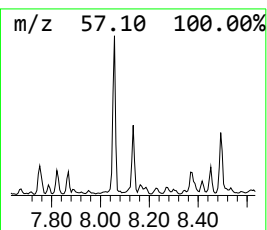
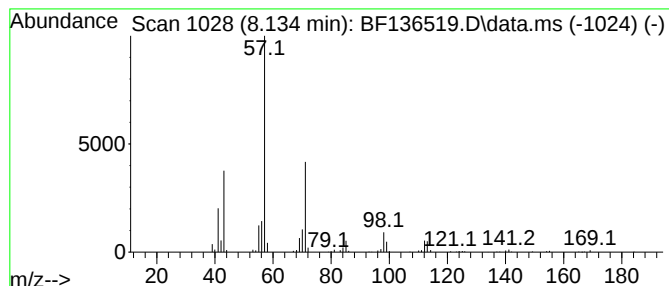
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	9.68 ng	292792	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97		
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80		
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72		
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72		
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64		



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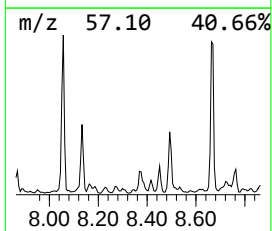
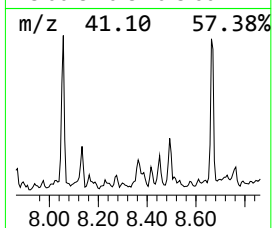
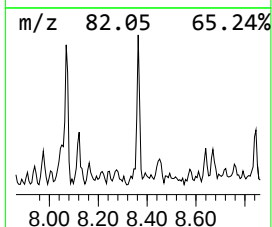
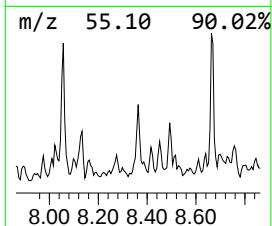
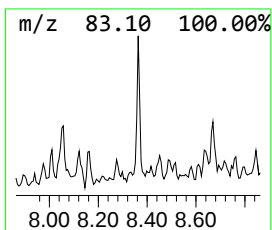
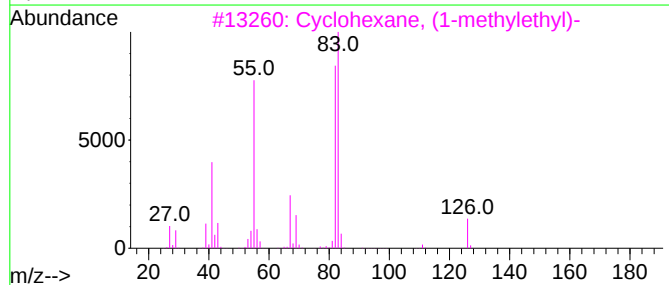
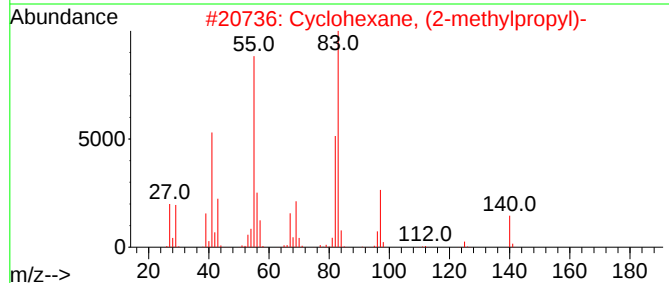
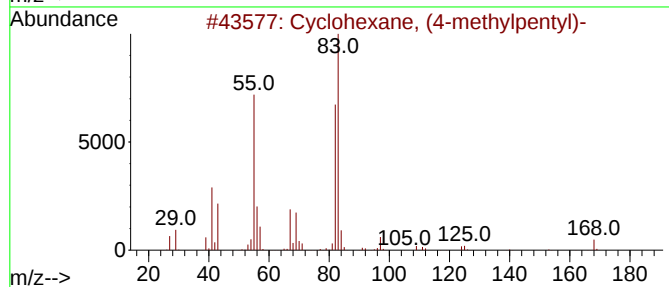
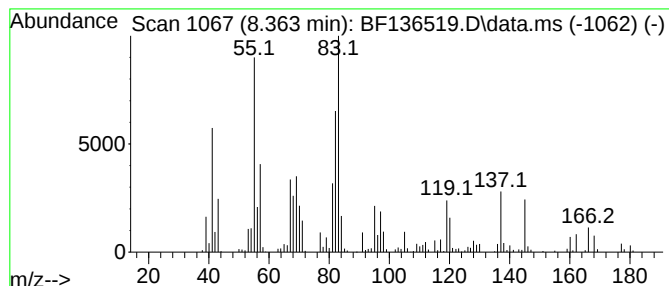
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.363 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	11.33 ng	342981	Naphthalene-d8	8.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4		Cyclopentanone, 3-methyl-2-(2-pe...	166	C11H18O	007051-39-0	38
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38



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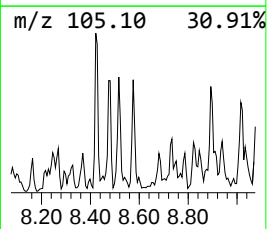
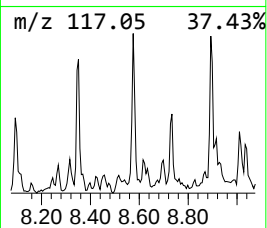
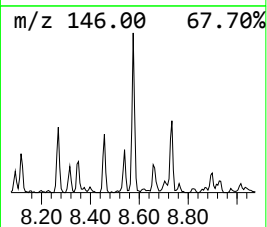
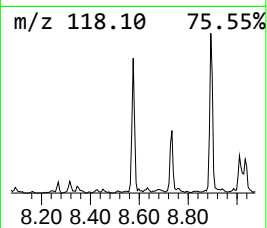
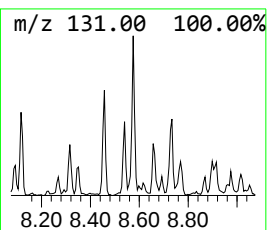
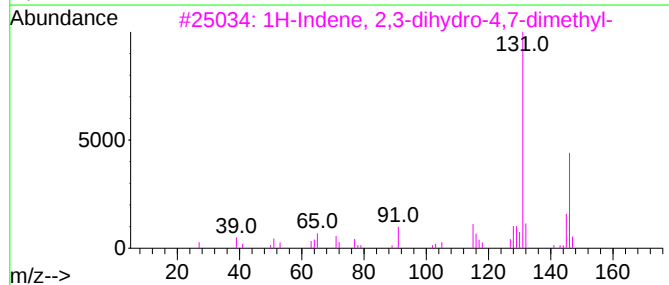
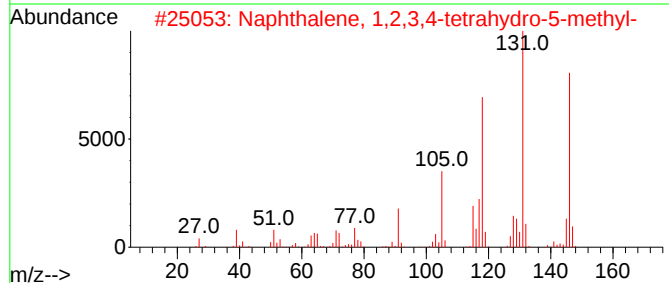
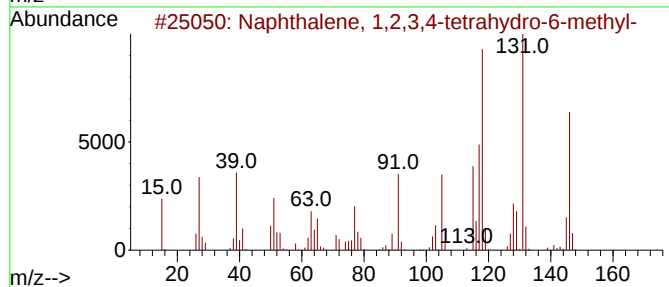
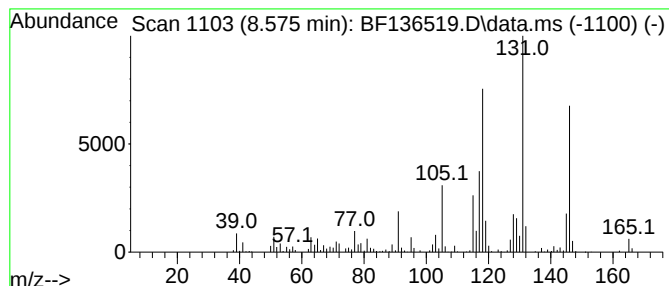
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.575	8.63 ng	261264	Naphthalene-d8	8.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	53



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TR-06-120723

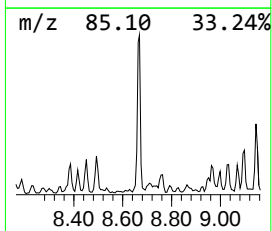
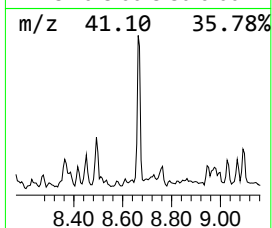
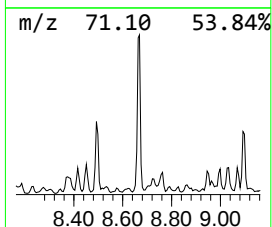
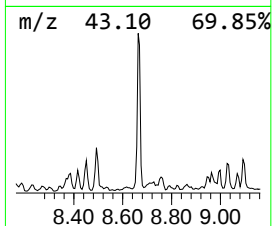
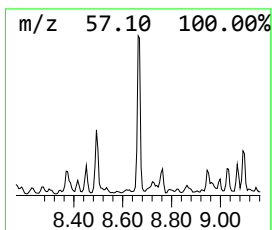
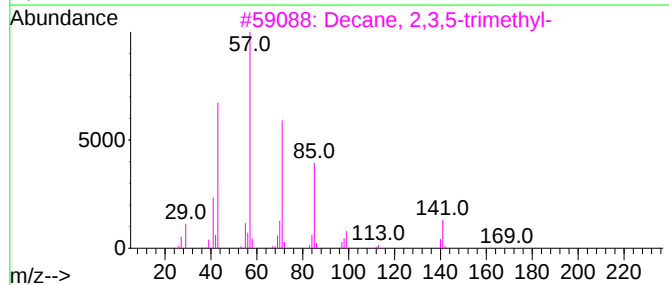
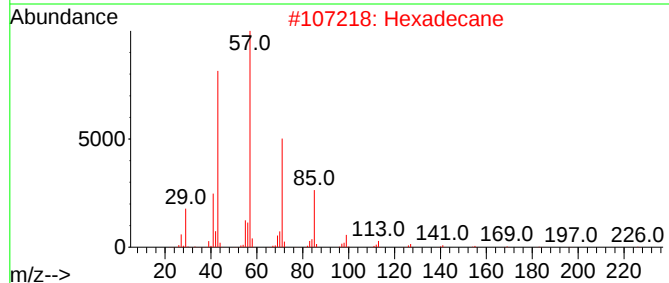
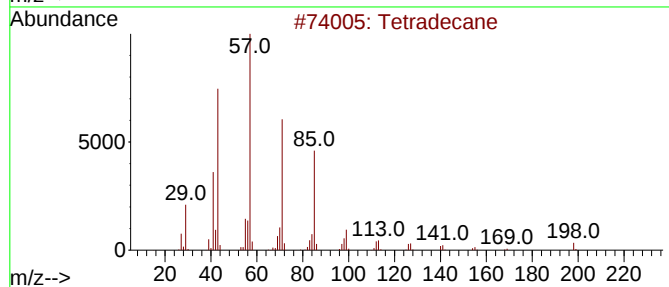
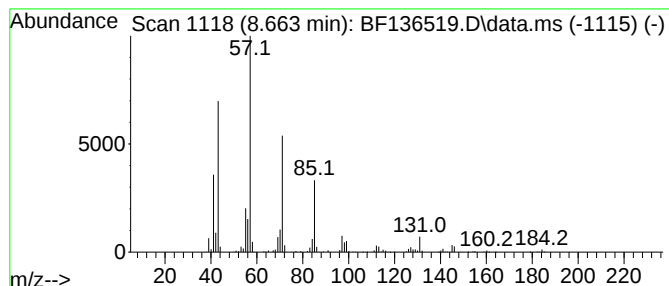
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	25.48 ng	771124	Naphthalene-d8	8.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	76
5		Tridecane	184	C13H28	000629-50-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-120723

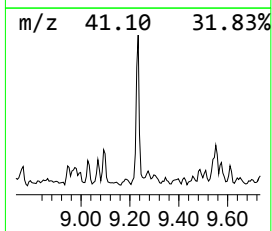
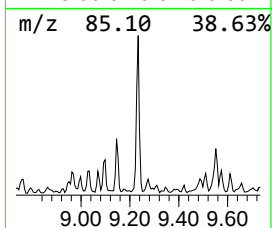
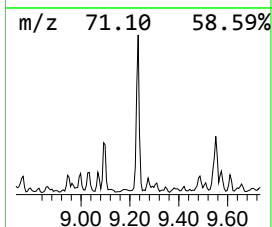
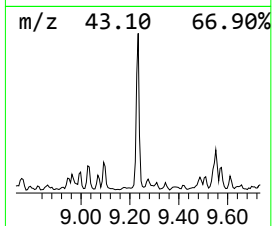
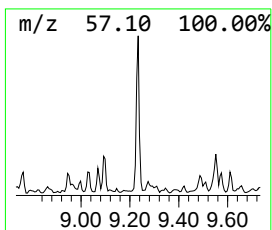
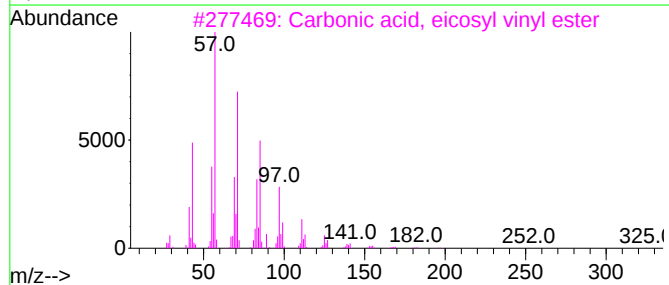
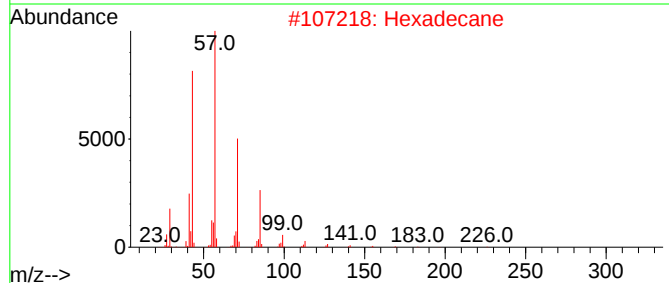
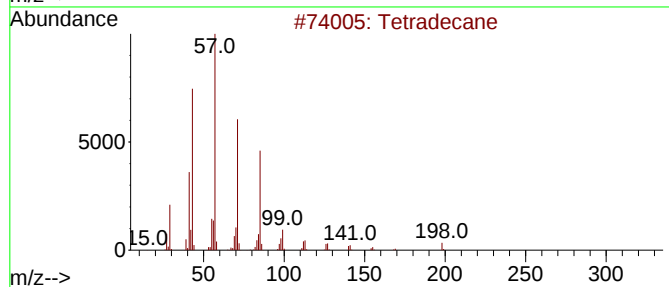
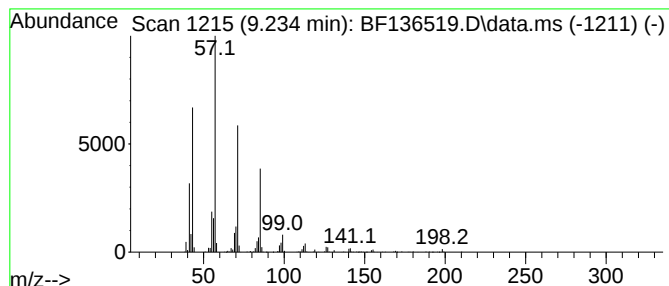
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.234	24.19 ng	805817	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4		5-Ethyldecane	170	C12H26	017302-36-2	86
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
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Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

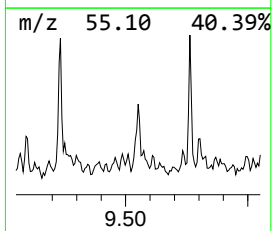
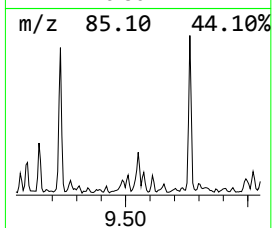
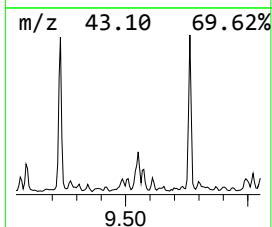
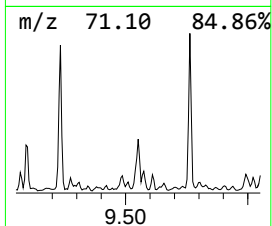
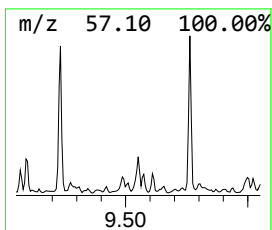
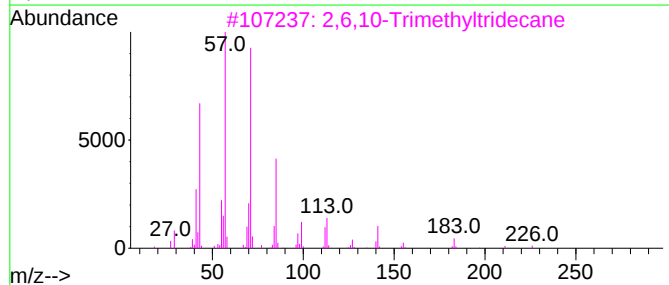
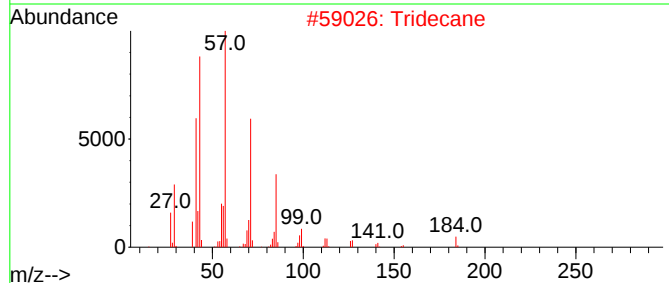
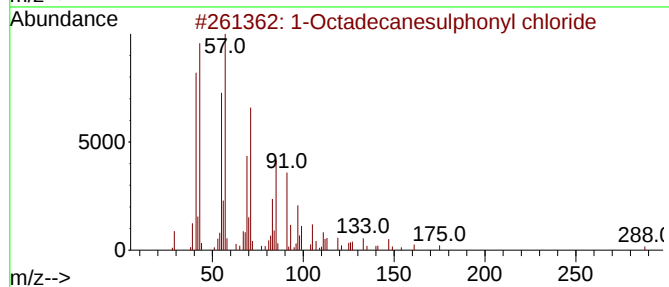
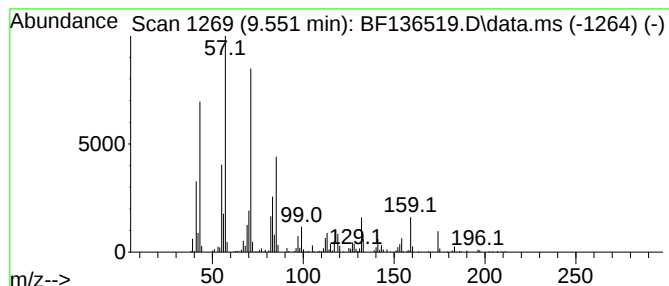
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.551	12.58 ng	419232	Acenaphthene-d10			9.828
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride		352	C18H37ClO2S	1000342-70-4	80
2	Tridecane		184	C13H28	000629-50-5	70
3	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	68
4	Pentadecane		212	C15H32	000629-62-9	58
5	Tetradecane		198	C14H30	000629-59-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-120723

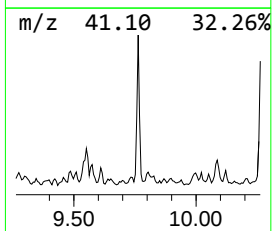
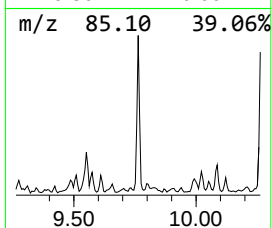
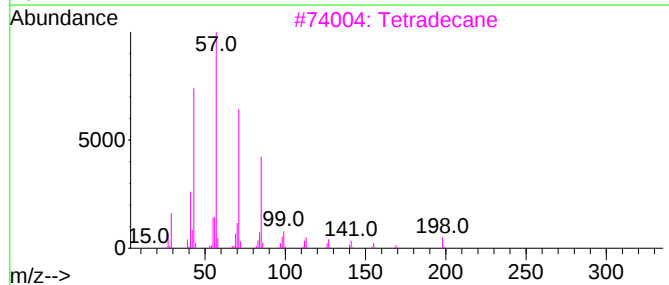
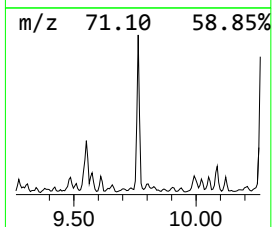
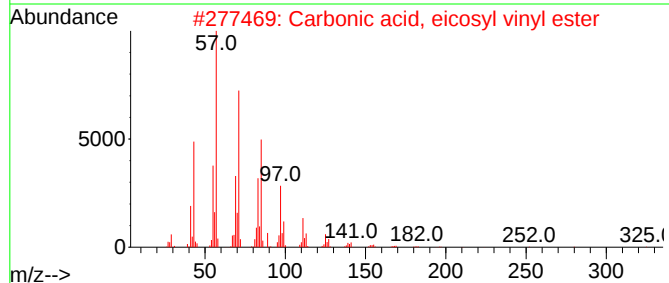
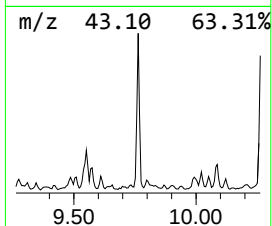
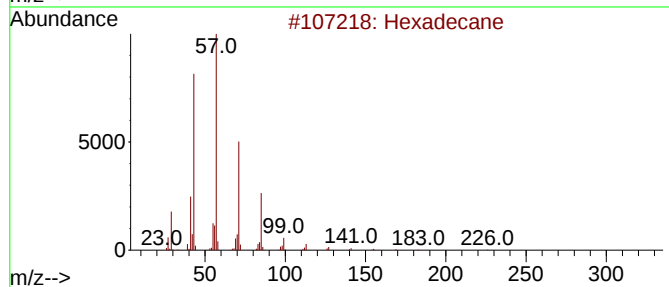
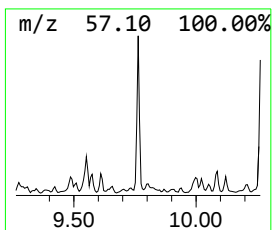
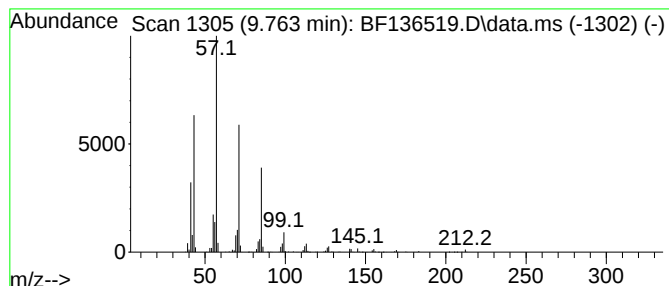
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Carbonic acid, eicosyl vinyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	21.28 ng	709168	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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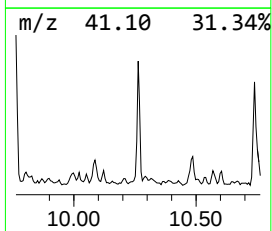
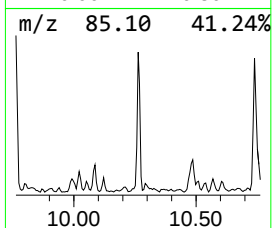
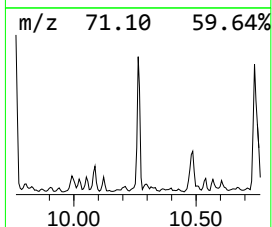
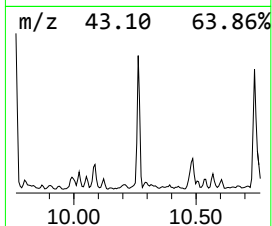
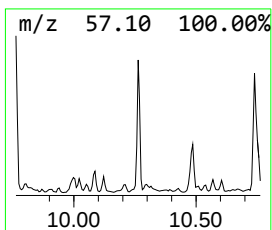
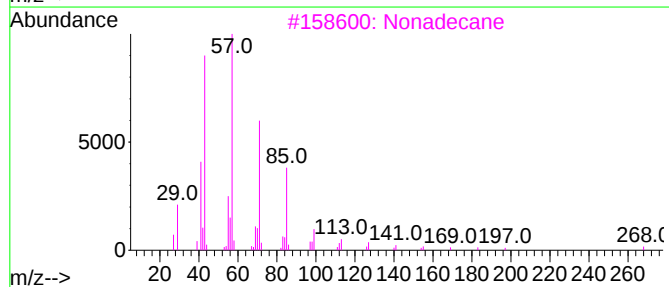
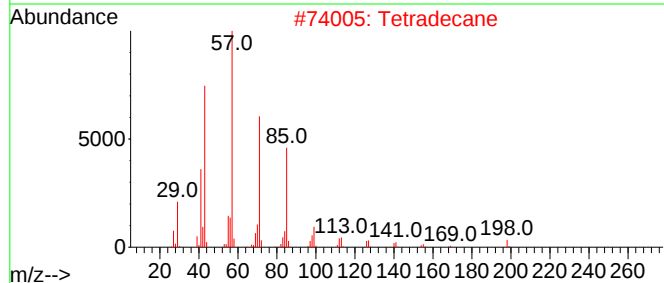
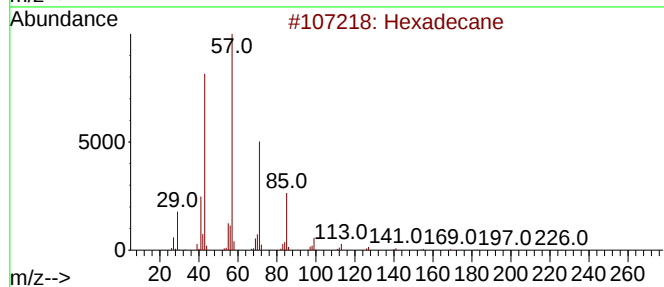
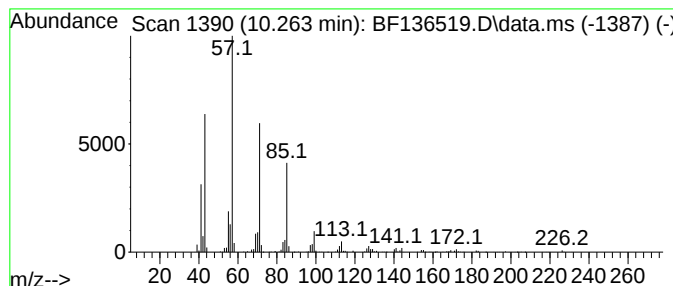
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	19.39 ng	645910	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Tetradecane	198	C14H30	000629-59-4	91
3			Nonadecane	268	C19H40	000629-92-5	83
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5			Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-120723

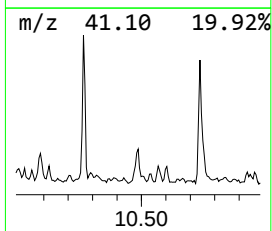
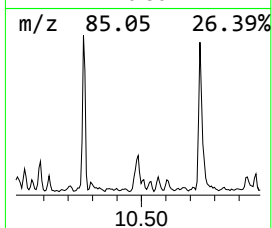
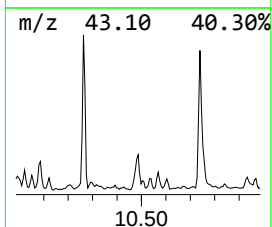
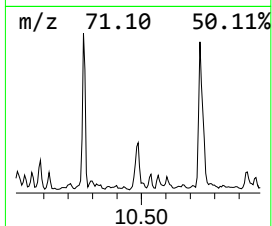
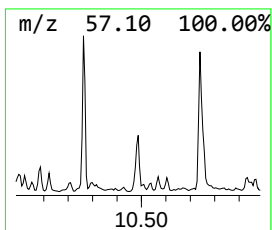
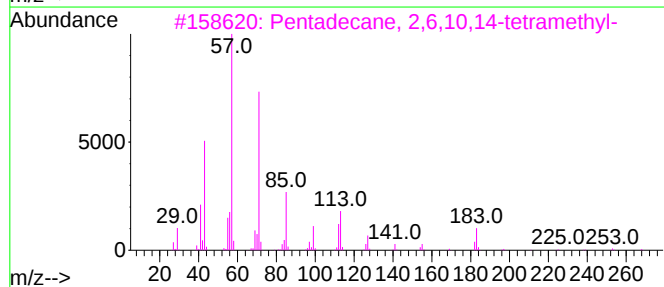
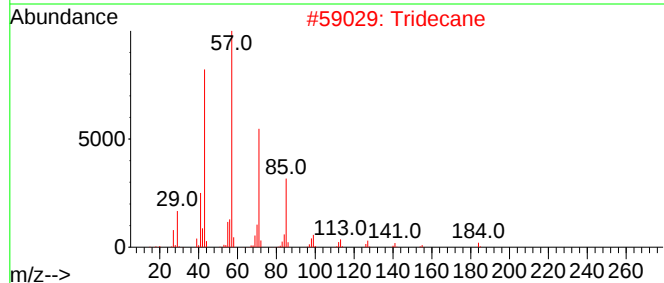
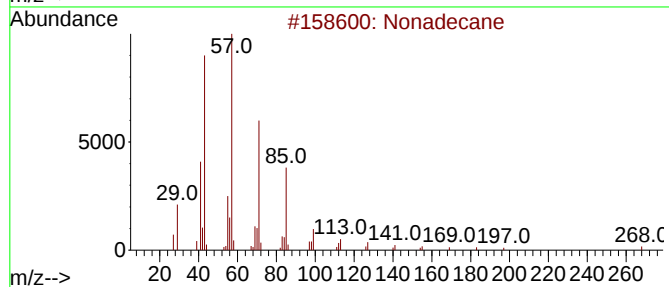
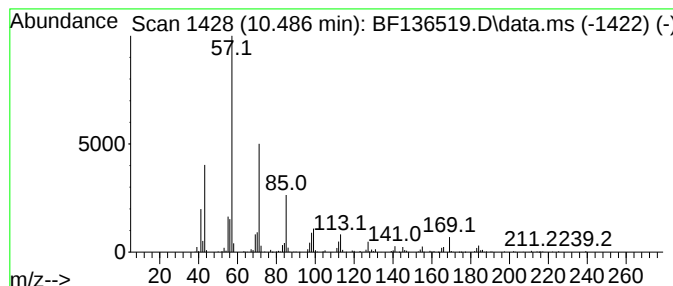
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	10.99 ng	366185	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	80
2		Tridecane	184	C13H28	000629-50-5	80
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
4		Hexadecane	226	C16H34	000544-76-3	74
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
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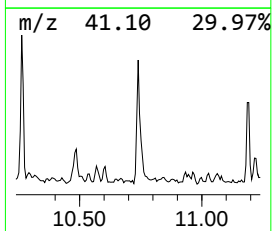
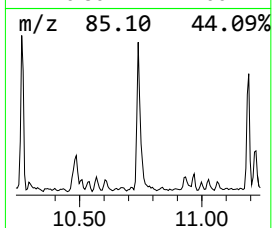
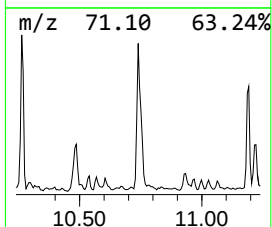
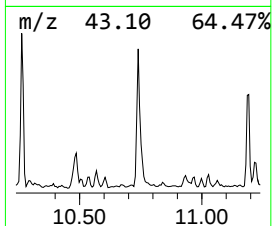
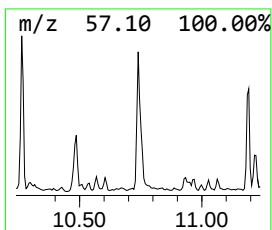
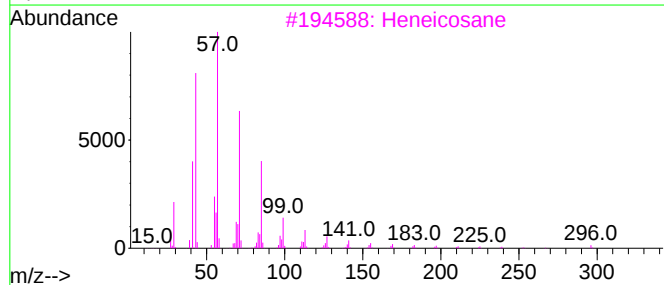
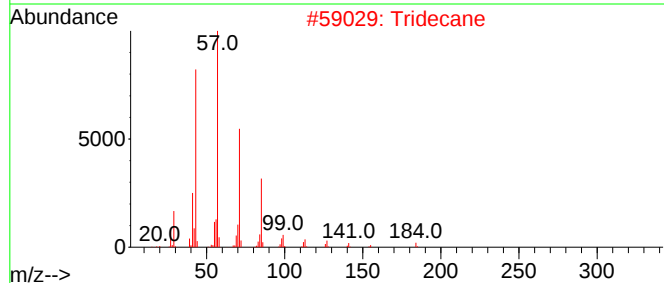
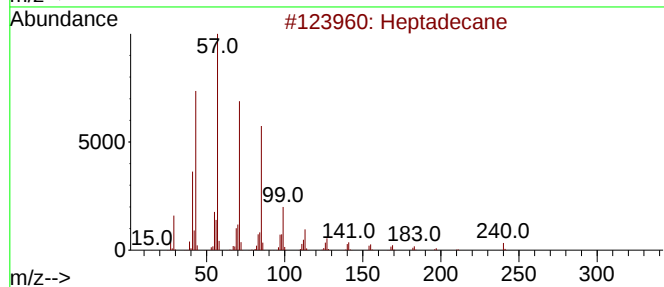
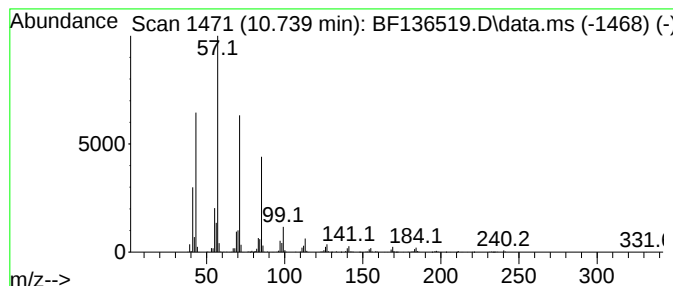
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.739	31.20 ng	857414	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tridecane		184	C13H28	000629-50-5	94
3	Heneicosane		296	C21H44	000629-94-7	91
4	Hexadecane		226	C16H34	000544-76-3	91
5	Tetradecane		198	C14H30	000629-59-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-120723

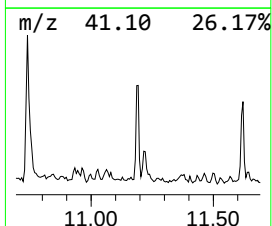
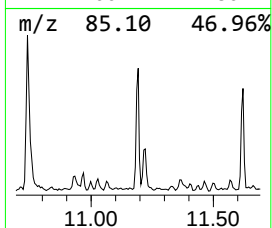
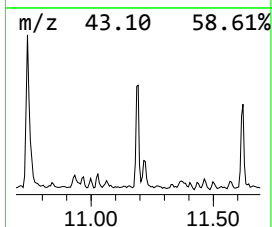
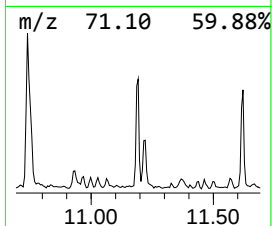
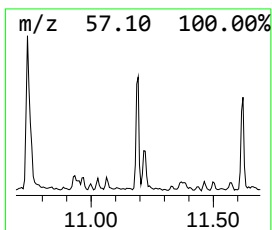
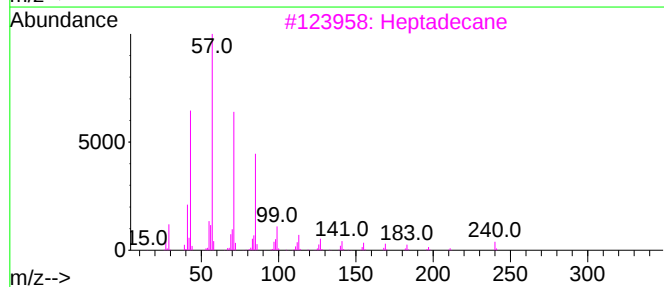
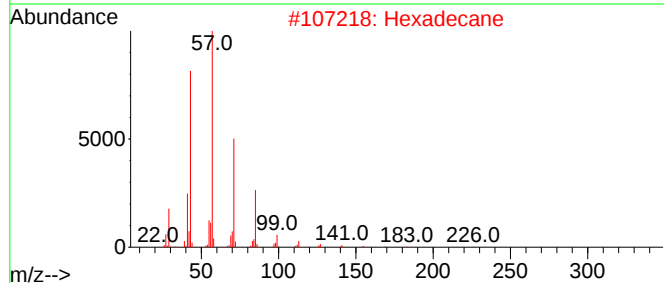
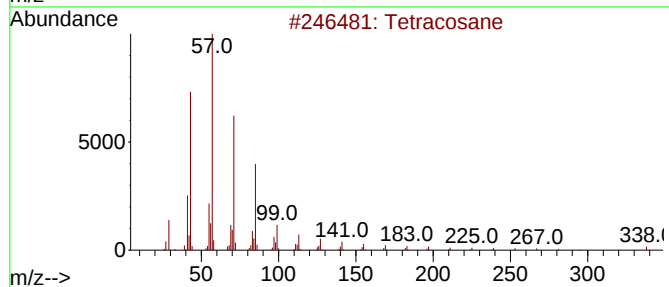
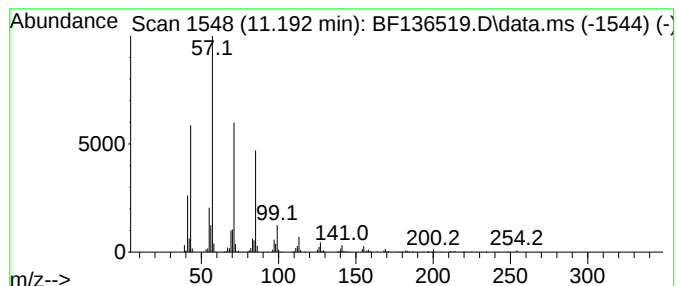
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	17.88 ng	491291	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
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Instrument :
BNA_F
ClientSampleId :
TR-06-120723

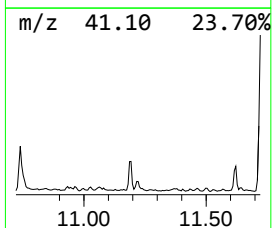
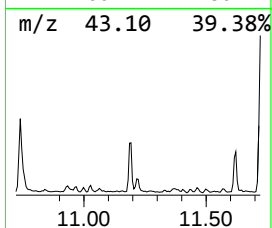
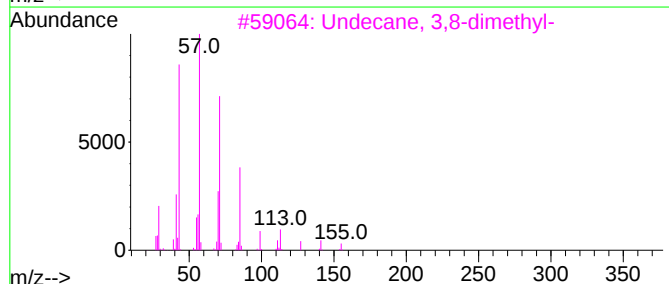
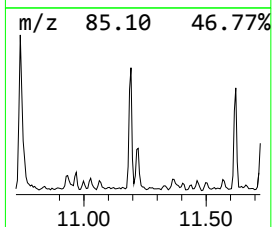
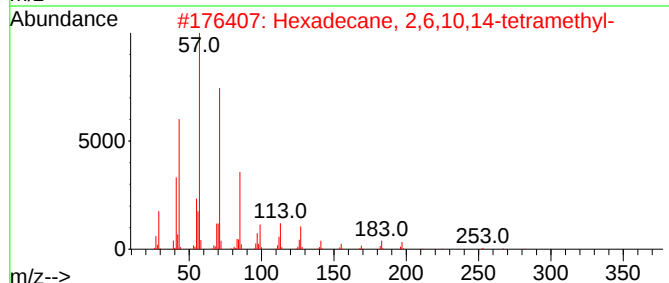
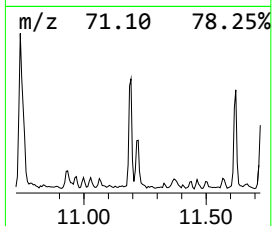
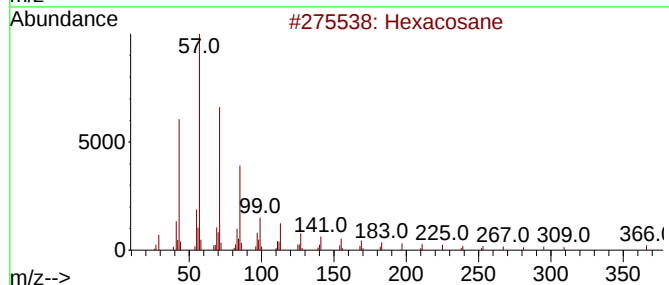
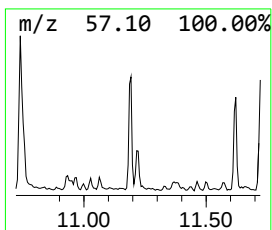
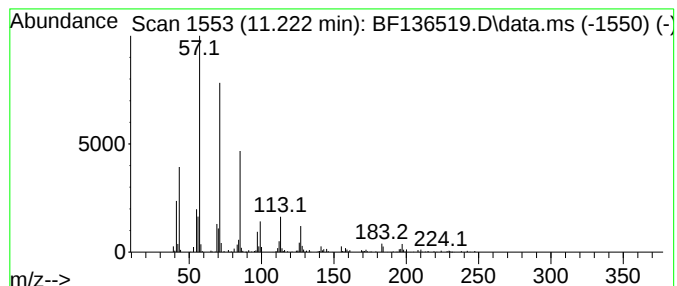
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	8.97 ng	246580	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
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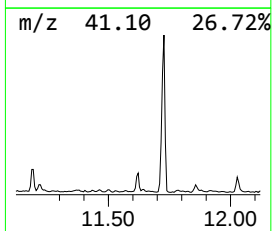
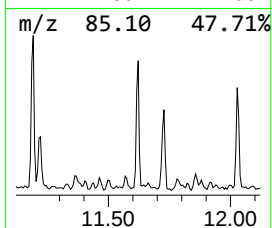
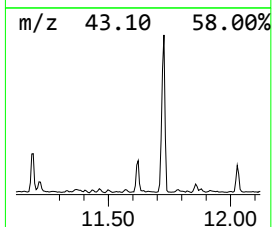
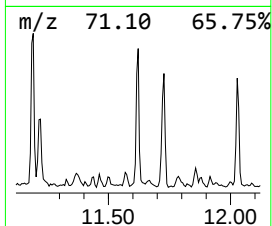
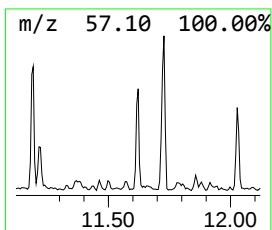
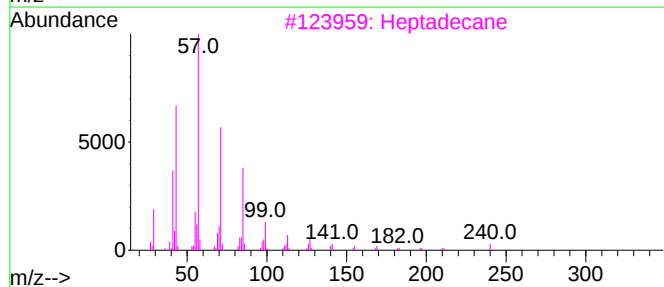
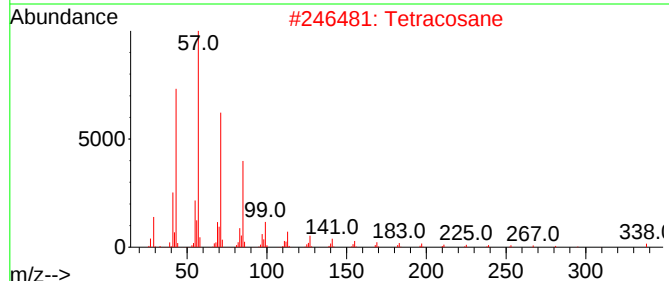
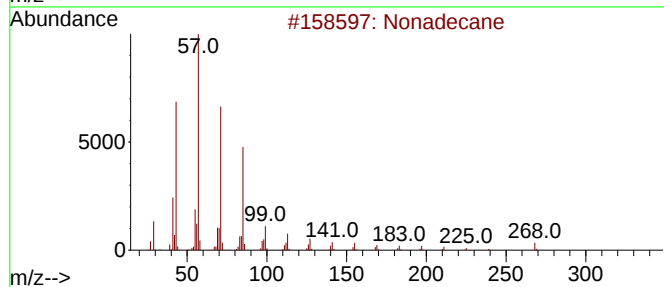
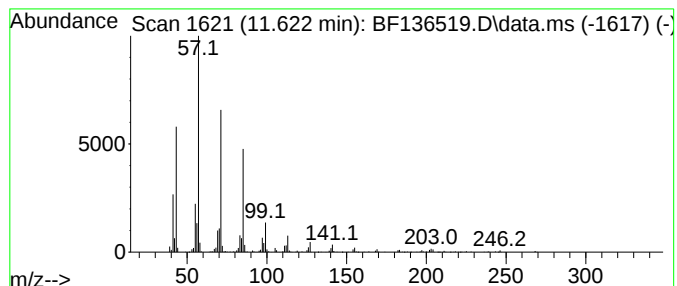
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.622	14.54 ng	399490	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Tetracosane		338	C24H50	000646-31-1	91
3	Heptadecane		240	C17H36	000629-78-7	91
4	Octadecane		254	C18H38	000593-45-3	91
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-120723

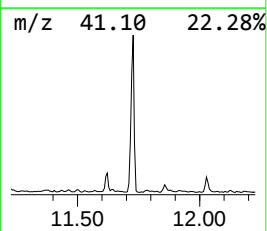
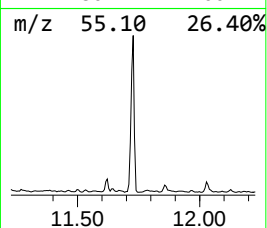
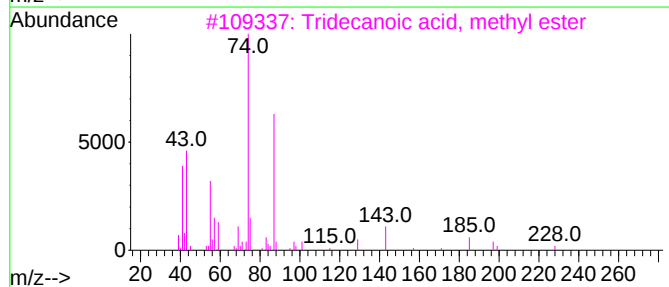
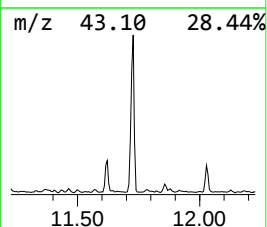
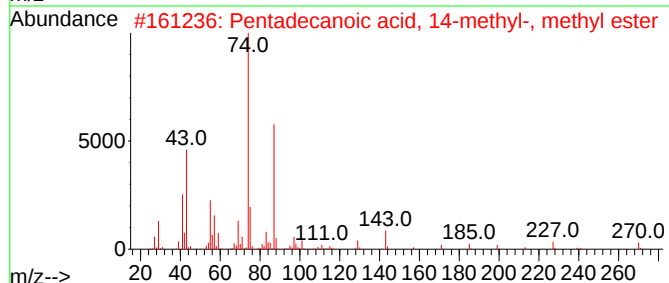
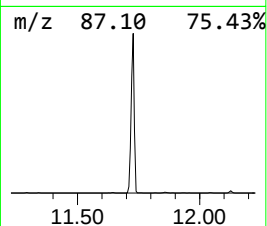
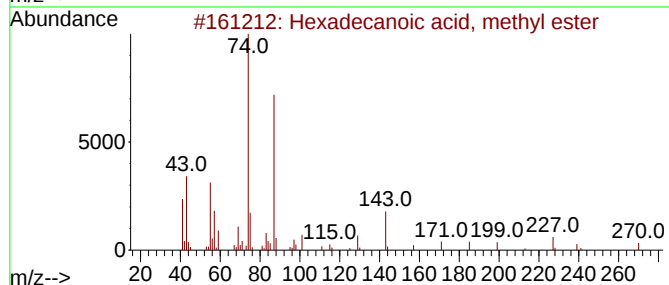
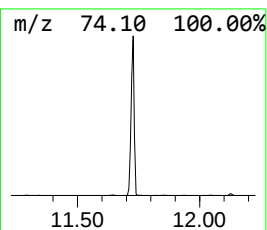
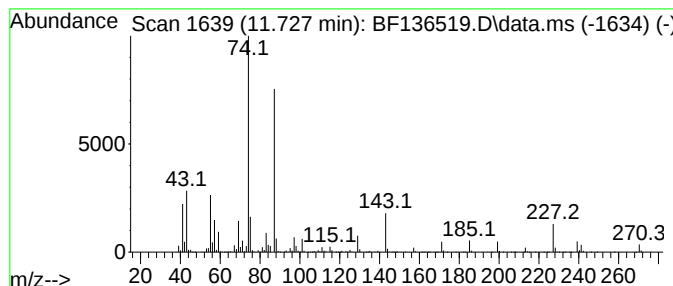
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	164.84 ng	4530470	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-120723

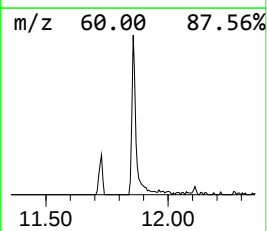
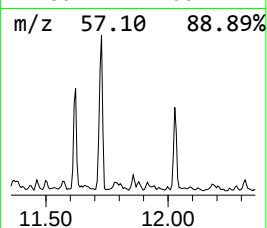
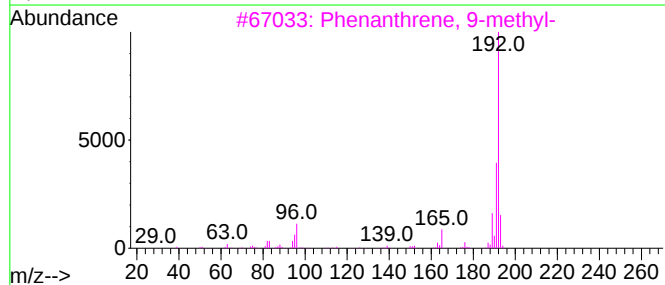
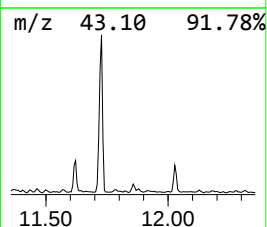
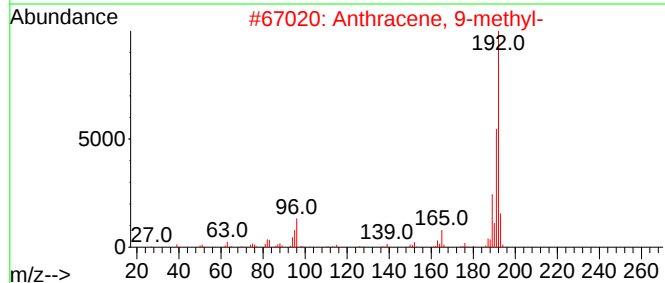
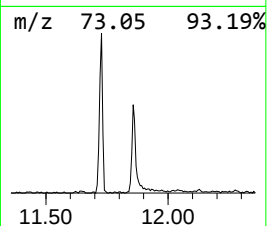
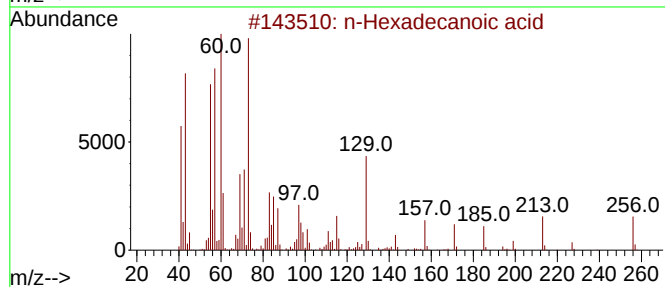
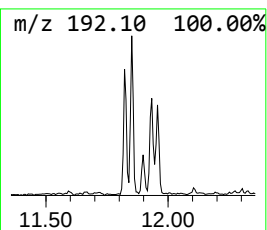
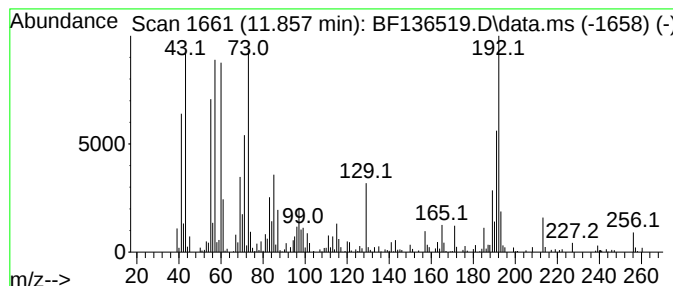
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	9.15 ng	251610	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
3		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	60
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
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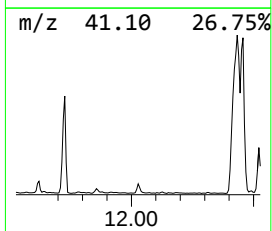
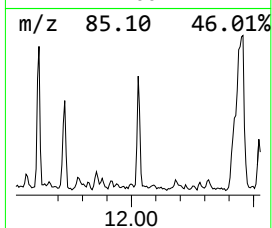
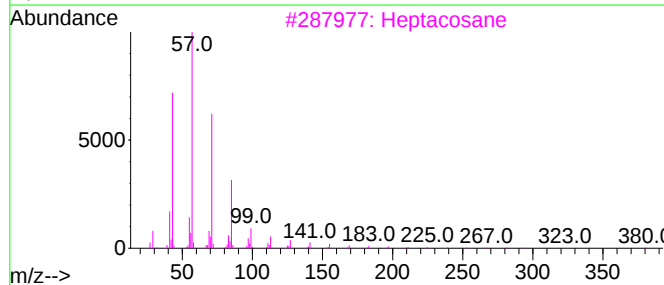
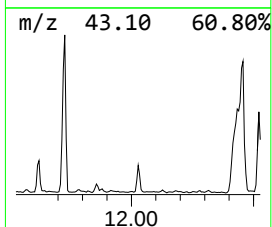
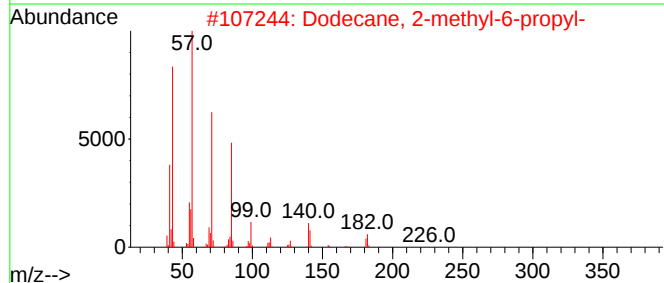
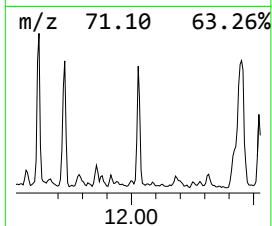
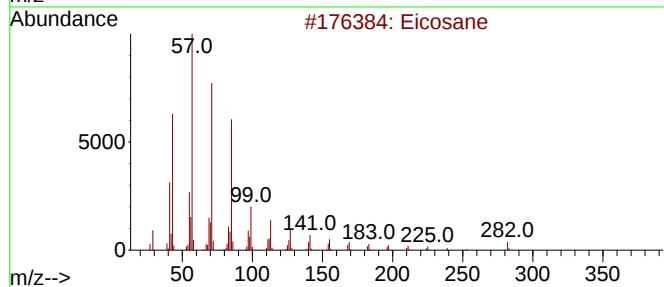
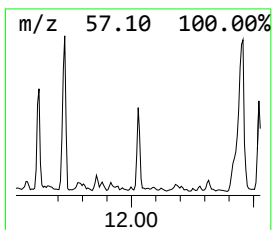
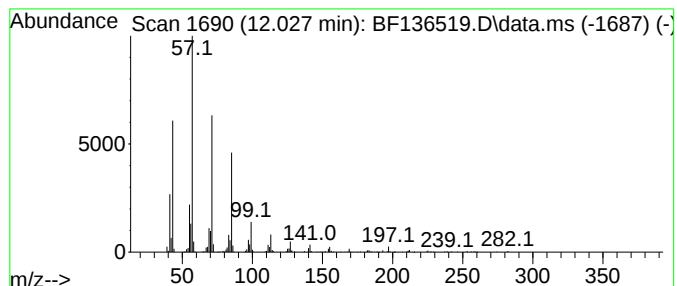
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.028	13.89 ng	381693	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	93
3	Heptacosane		380	C27H56	000593-49-7	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Nonadecane		268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
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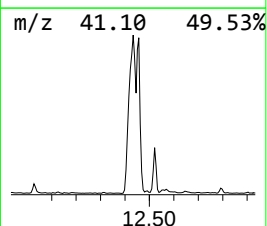
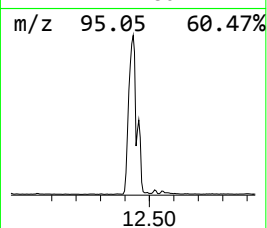
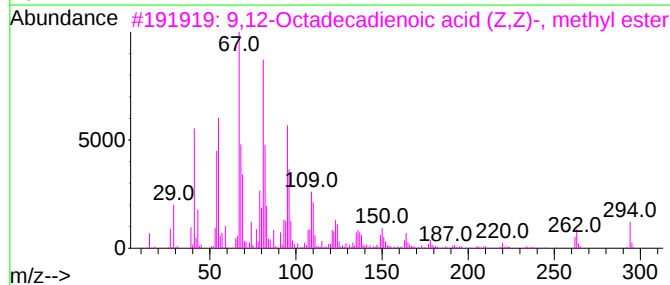
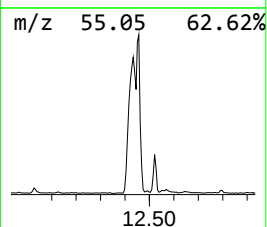
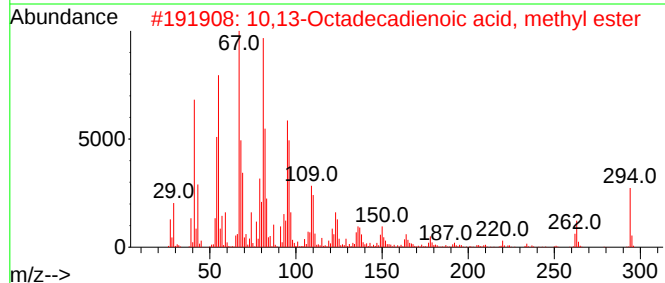
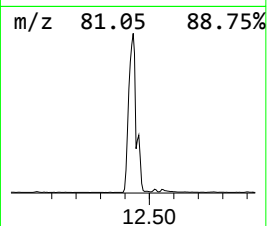
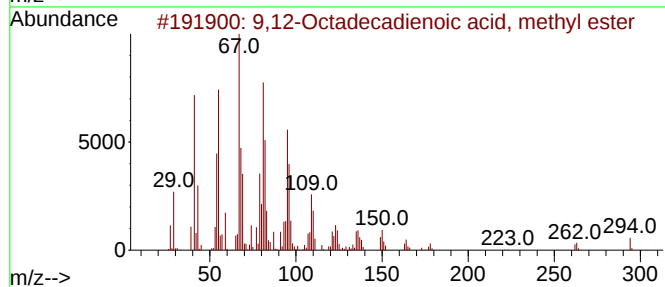
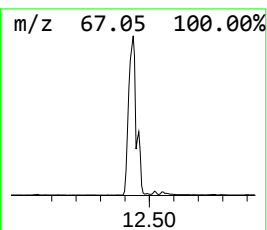
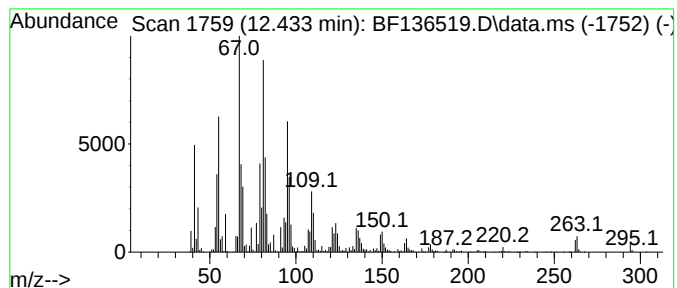
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ClientSampleId :
TR-06-120723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.433	608.92 ng	16735300	Phenanthrene-d10	11.322		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-120723

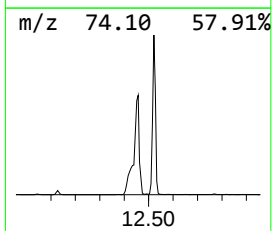
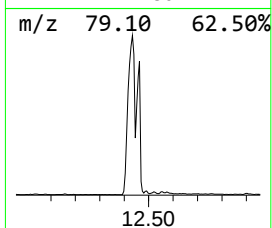
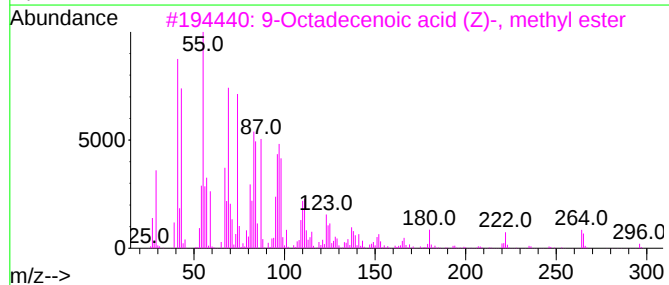
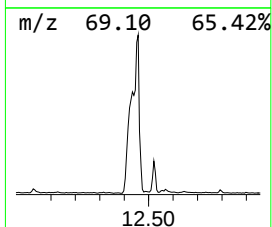
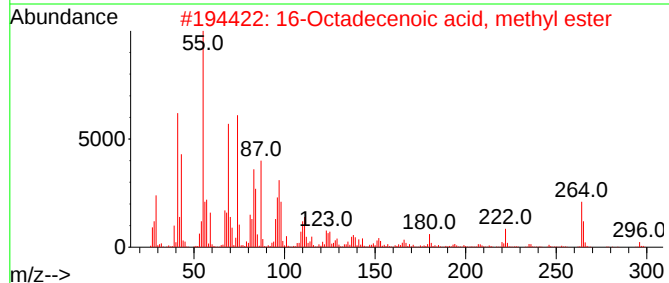
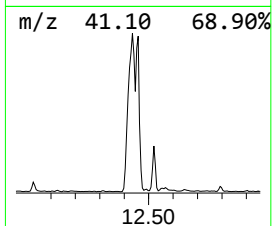
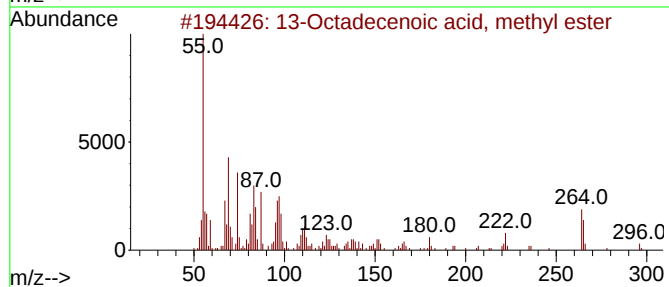
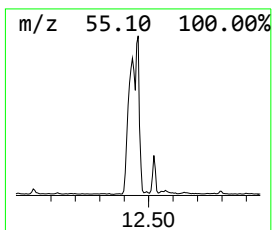
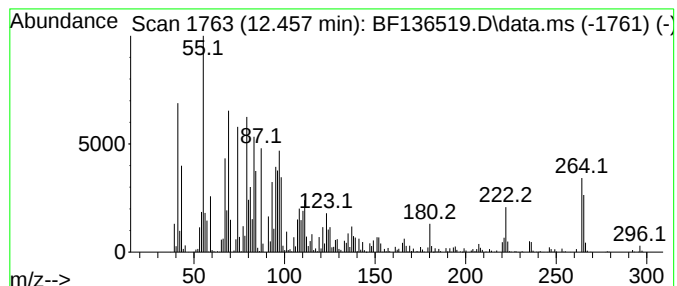
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 13-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	275.32 ng	7566790	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
4		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96
5		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136519.D
Acq On : 12 Dec 2023 16:49
Operator : CG\JU
Sample : 05701-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-120723

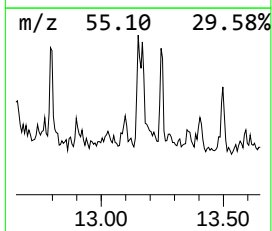
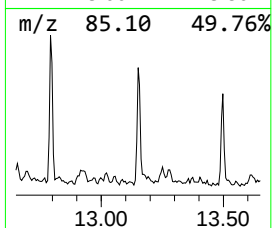
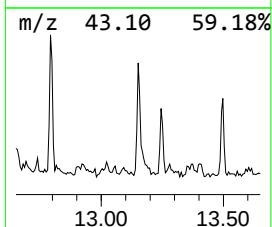
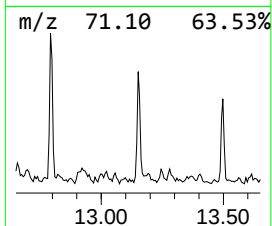
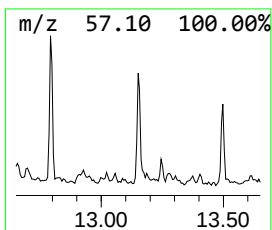
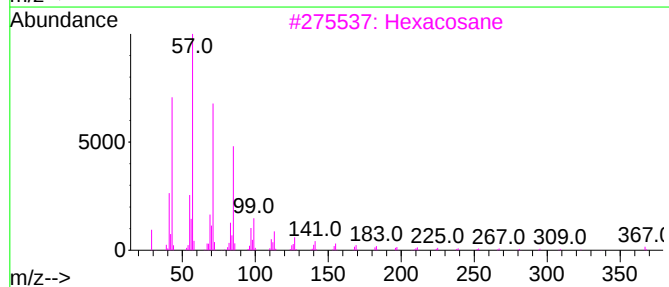
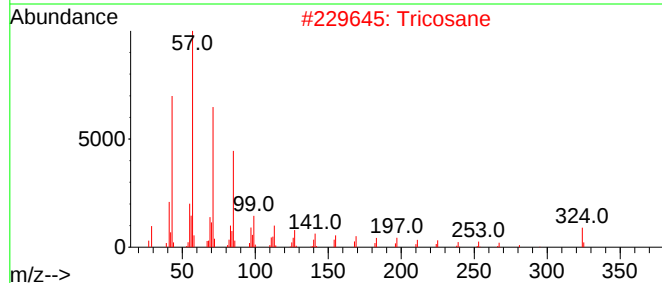
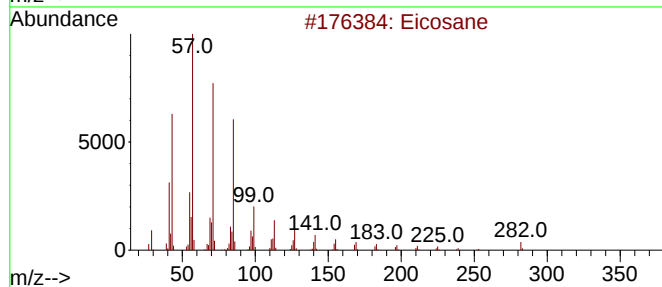
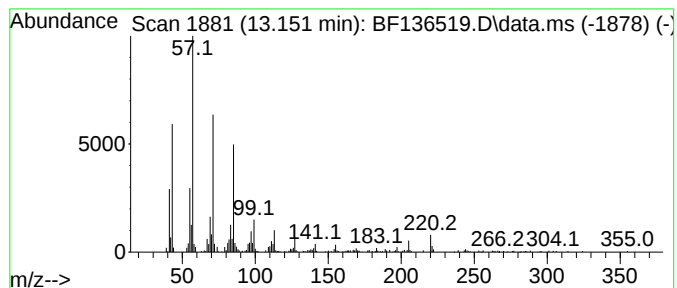
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	8.93 ng	374013	Chrysene-d12	13.974

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Tricosane		324	C23H48	000638-67-5	93
3	Hexacosane		366	C26H54	000630-01-3	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136519.D
 Acq On : 12 Dec 2023 16:49
 Operator : CG\JU
 Sample : 05701-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-120723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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
Decane	6.628	11.9	ng	341842	1	6.793	573103	20.0
Undecane, 2,6-d...	8.134	9.7	ng	292792	2	8.069	605207	20.0
unknown8.363	8.363	11.3	ng	342981	2	8.069	605207	20.0
Naphthalene, 1,...	8.575	8.6	ng	261264	2	8.069	605207	20.0
Tetradecane	8.663	25.5	ng	771124	2	8.069	605207	20.0
Hexadecane	9.234	24.2	ng	805817	3	9.828	666365	20.0
1-Octadecanesul...	9.551	12.6	ng	419232	3	9.828	666365	20.0
Carbonic acid, ...	9.763	21.3	ng	709168	3	9.828	666365	20.0
Nonadecane	10.263	19.4	ng	645910	3	9.828	666365	20.0
Tridecane	10.486	11.0	ng	366185	3	9.828	666365	20.0
Heptadecane	10.739	31.2	ng	857414	4	11.322	549673	20.0
Tetracosane	11.192	17.9	ng	491291	4	11.322	549673	20.0
Hexacosane	11.222	9.0	ng	246580	4	11.322	549673	20.0
Heneicosane	11.622	14.5	ng	399490	4	11.322	549673	20.0
Hexadecanoic ac...	11.727	164.8	ng	4530470	4	11.322	549673	20.0
n-Hexadecanoic ...	11.857	9.2	ng	251610	4	11.322	549673	20.0
Dodecane, 2-met...	12.028	13.9	ng	381693	4	11.322	549673	20.0
9,12-Octadecadi...	12.433	608.9	ng	16735300	4	11.322	549673	20.0
13-Octadecenoic...	12.457	275.3	ng	7566790	4	11.322	549673	20.0
Eicosane	13.151	8.9	ng	374013	5	13.974	837260	20.0