

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136706.D
 Acq On : 23 Dec 2023 02:14
 Operator : CG\JU
 Sample : 05970-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-12202023

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136706.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.840	294	298	303	rBV	6270	8459	2.09%	0.179%
2	5.422	563	567	580	rVB	279240	267047	65.98%	5.648%
3	6.428	734	738	750	rBV	281089	253480	62.62%	5.361%
4	6.781	795	798	802	rBV	421971	353885	87.43%	7.485%
5	7.340	890	893	897	rBV	192685	147098	36.34%	3.111%
6	7.375	897	899	903	rVB	13437	11100	2.74%	0.235%
7	7.422	903	907	910	rBV3	3799	5667	1.40%	0.120%
8	7.804	969	972	975	rBV3	5477	8530	2.11%	0.180%
9	8.057	1010	1015	1019	rBV	446029	404766	100.00%	8.561%
10	8.122	1022	1026	1029	rVB2	10539	11463	2.83%	0.242%
11	8.351	1060	1065	1067	rBV4	8429	11857	2.93%	0.251%
12	8.404	1072	1074	1078	rBV5	6568	6426	1.59%	0.136%
13	8.439	1078	1080	1083	rBV3	7197	6593	1.63%	0.139%
14	8.481	1083	1087	1089	rBV2	11263	10076	2.49%	0.213%
15	8.563	1097	1101	1104	rBV4	9893	9687	2.39%	0.205%
16	8.651	1112	1116	1118	rBV	30515	23532	5.81%	0.498%
17	8.751	1129	1133	1135	rVB4	4721	5964	1.47%	0.126%
18	8.881	1152	1155	1158	rVB2	7105	5983	1.48%	0.127%
19	9.016	1174	1178	1181	rVB5	6373	8288	2.05%	0.175%
20	9.081	1186	1189	1194	rVV3	11495	13011	3.21%	0.275%
21	9.134	1195	1198	1208	rVV	302404	232268	57.38%	4.912%
22	9.216	1208	1212	1216	rVV	33220	30018	7.42%	0.635%
23	9.257	1216	1219	1222	rVV2	13272	14591	3.60%	0.309%
24	9.286	1222	1224	1231	rVB2	5541	8713	2.15%	0.184%
25	9.539	1262	1267	1269	rBV5	11763	13001	3.21%	0.275%
26	9.751	1300	1303	1307	rVB	28131	23788	5.88%	0.503%
27	9.816	1310	1314	1317	rVV	438315	338321	83.58%	7.156%
28	10.075	1354	1358	1362	rBV6	5408	6568	1.62%	0.139%
29	10.157	1366	1372	1374	rBV5	4367	7491	1.85%	0.158%
30	10.251	1385	1388	1391	rBV	25805	19956	4.93%	0.422%
31	10.469	1420	1425	1432	rBV3	10184	16257	4.02%	0.344%
32	10.604	1445	1448	1454	rVB	129135	117935	29.14%	2.494%
33	10.722	1465	1468	1473	rBV4	34066	38152	9.43%	0.807%
34	11.175	1542	1545	1548	rBV	22357	19345	4.78%	0.409%
35	11.204	1548	1550	1553	rVB3	10982	8413	2.08%	0.178%
36	11.310	1564	1568	1571	rBV	401601	369574	91.31%	7.817%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136706.D
 Acq On : 23 Dec 2023 02:14
 Operator : CG\JU
 Sample : 05970-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-12202023

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.604	1615	1618	1621	rVB	19425	15020	3.71%	0.318%
38	11.704	1632	1635	1643	rBV	71962	64228	15.87%	1.358%
39	11.839	1655	1658	1665	rBV2	35326	33764	8.34%	0.714%
40	11.922	1670	1672	1674	rBV3	6777	5360	1.32%	0.113%
41	12.016	1685	1688	1690	rBV	21298	19279	4.76%	0.408%
42	12.045	1690	1693	1695	rVB4	6801	6778	1.67%	0.143%
43	12.075	1695	1698	1701	rBV5	3468	6039	1.49%	0.128%
44	12.239	1723	1726	1728	rBV3	8679	8798	2.17%	0.186%
45	12.363	1744	1747	1749	rBV	14584	15036	3.71%	0.318%
46	12.398	1749	1753	1755	rVV	324090	326924	80.77%	6.914%
47	12.416	1755	1756	1762	rVB2	185787	148760	36.75%	3.146%
48	12.504	1768	1771	1773	rBV	29387	21938	5.42%	0.464%
49	12.569	1776	1782	1789	rVV4	50942	114010	28.17%	2.411%
50	12.633	1789	1793	1798	rVV7	18766	31165	7.70%	0.659%
51	12.727	1804	1809	1811	rBV5	20440	33267	8.22%	0.704%
52	12.780	1815	1818	1820	rVV	30559	23680	5.85%	0.501%
53	12.898	1835	1838	1842	rBV	279649	246310	60.85%	5.209%
54	13.139	1876	1879	1884	rVB	39624	40158	9.92%	0.849%
55	13.480	1935	1937	1940	rVB	41302	32503	8.03%	0.687%
56	13.816	1991	1994	1997	rBV	44815	45235	11.18%	0.957%
57	13.963	2015	2019	2022	rBV	402589	360246	89.00%	7.619%
58	14.133	2046	2048	2051	rVB	48886	37770	9.33%	0.799%
59	14.439	2098	2100	2103	rBV	57069	53661	13.26%	1.135%
60	15.439	2267	2270	2274	rVB	172404	200870	49.63%	4.248%

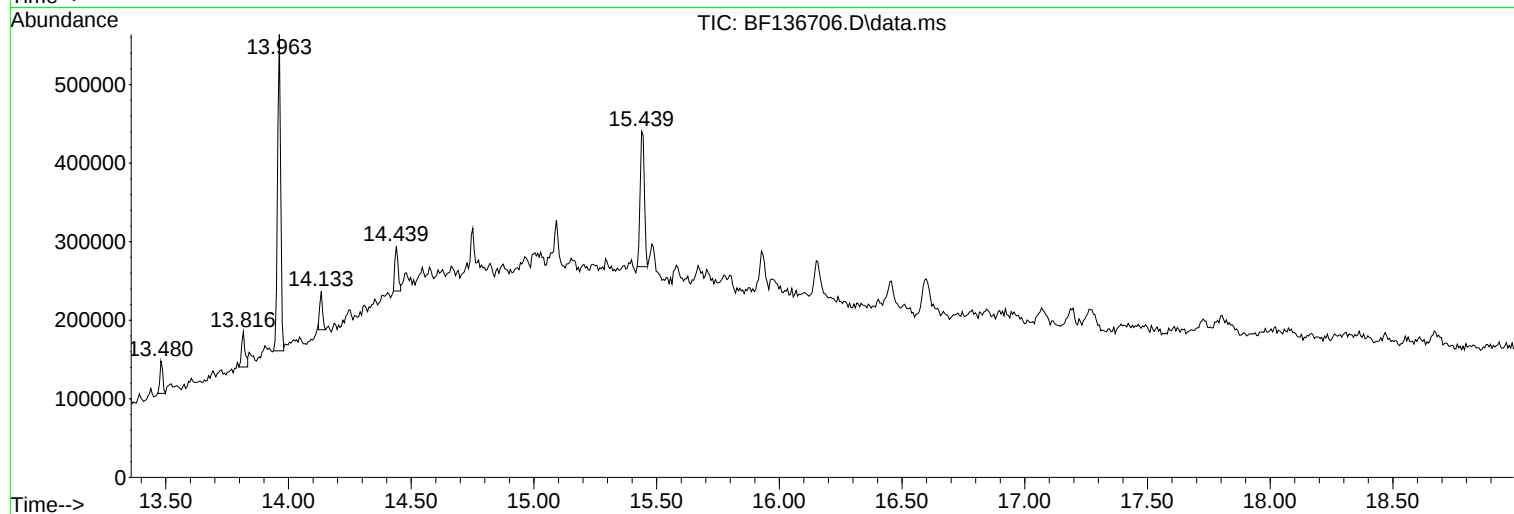
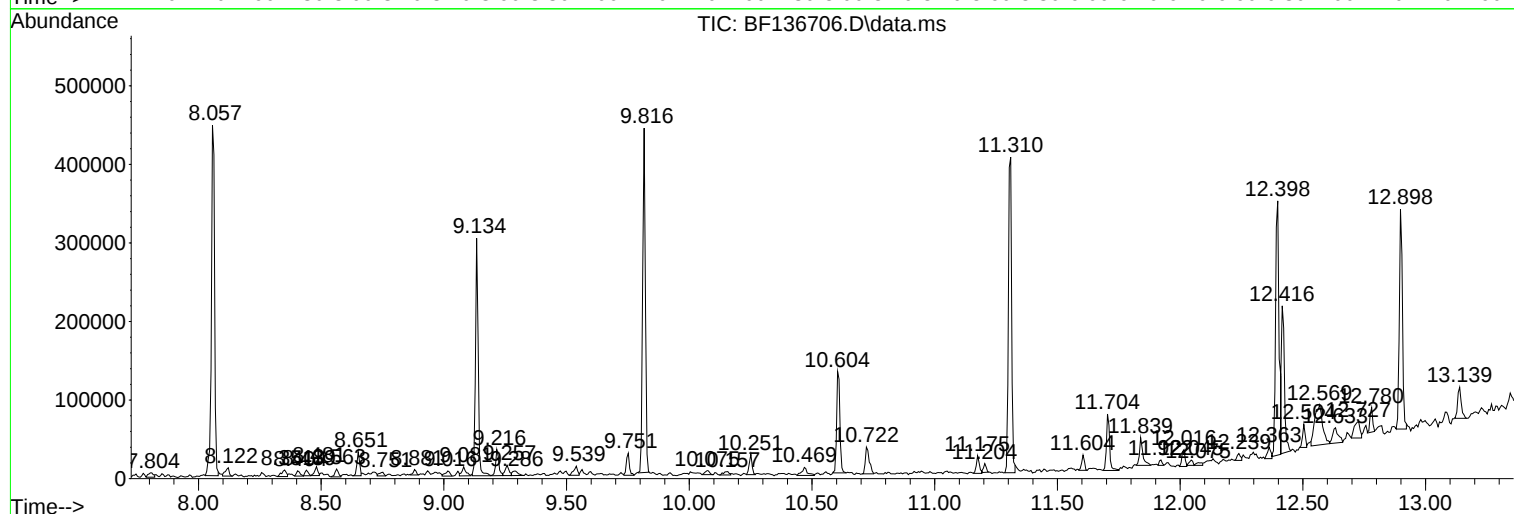
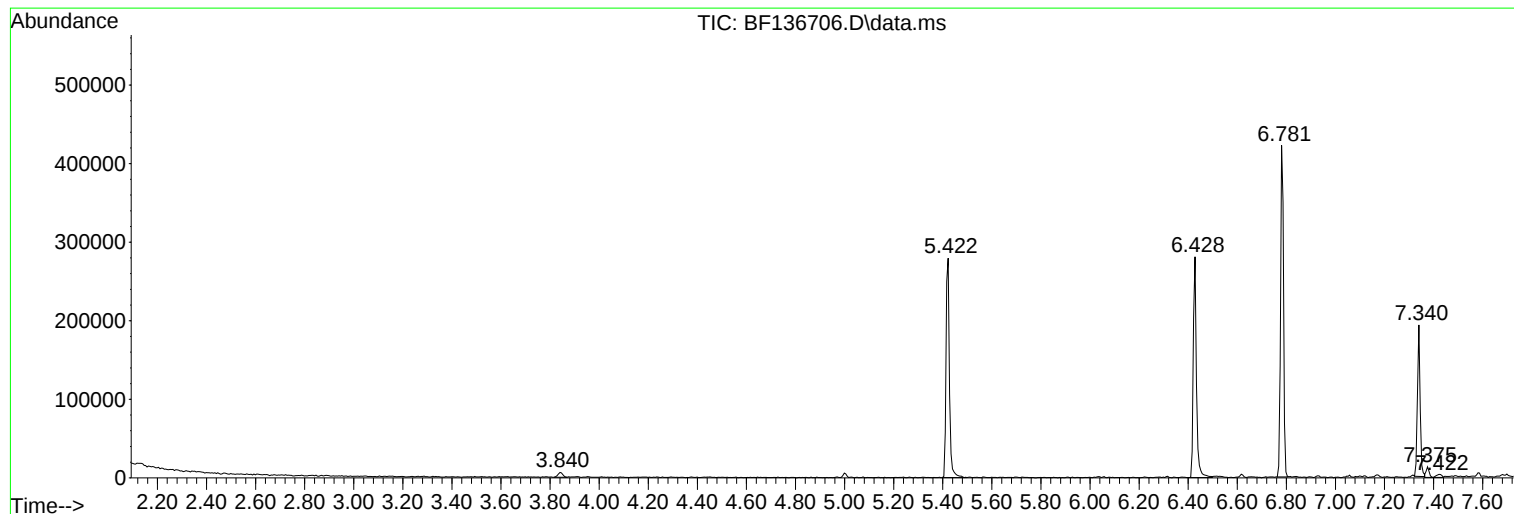
Sum of corrected areas: 4728102

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

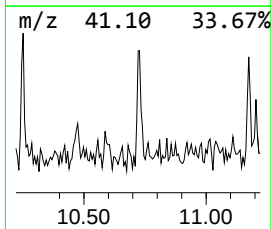
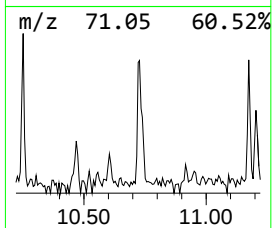
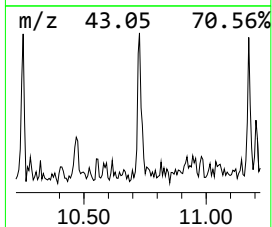
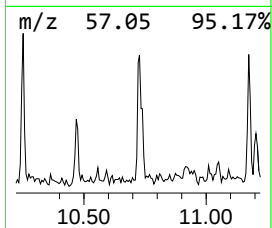
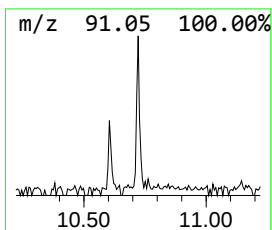
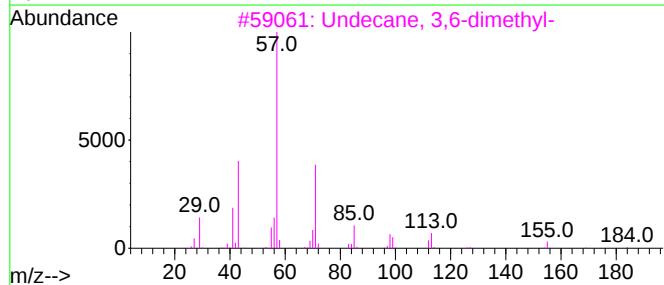
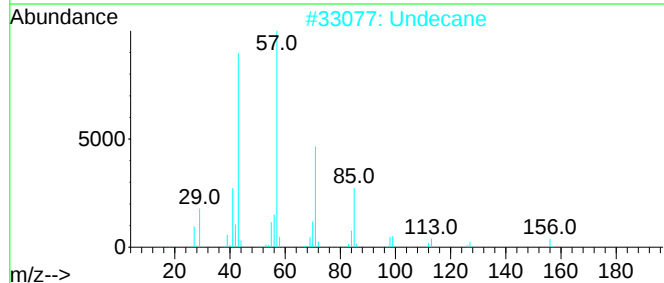
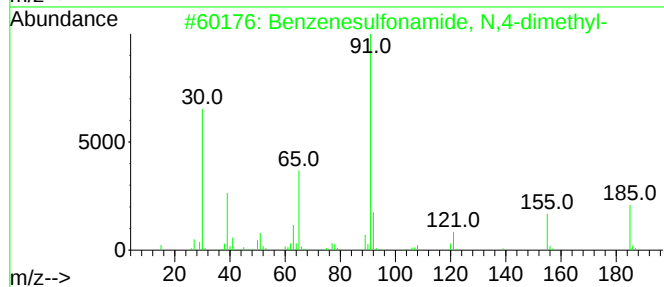
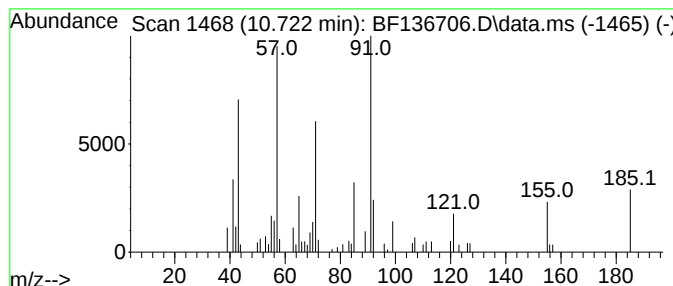
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzenesulfonamide, N,4-dim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	2.06 ng	38152	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	53
2			Undecane	156	C11H24	001120-21-4	38
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	35
4			Vinyl decanoate	198	C12H22O2	004704-31-8	35
5			Tridecane	184	C13H28	000629-50-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

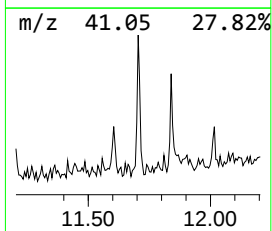
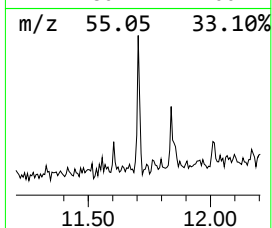
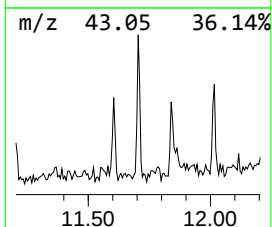
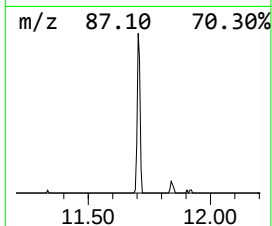
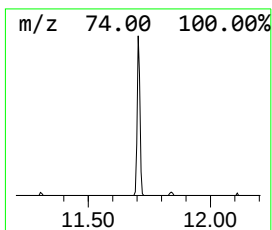
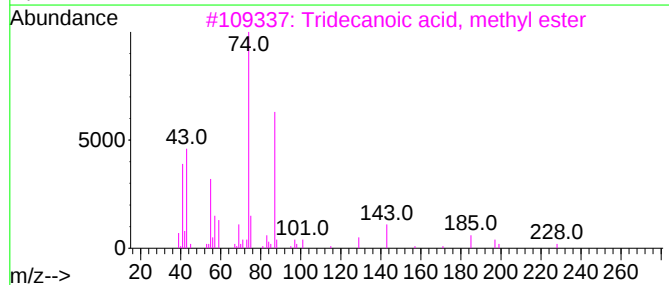
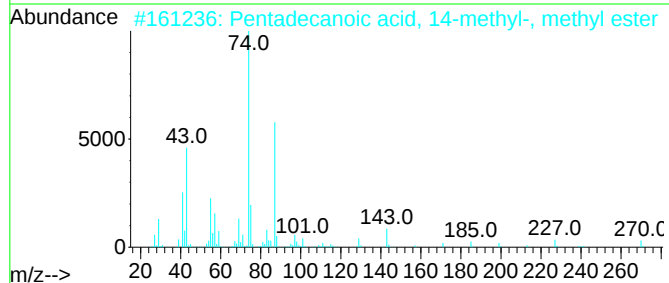
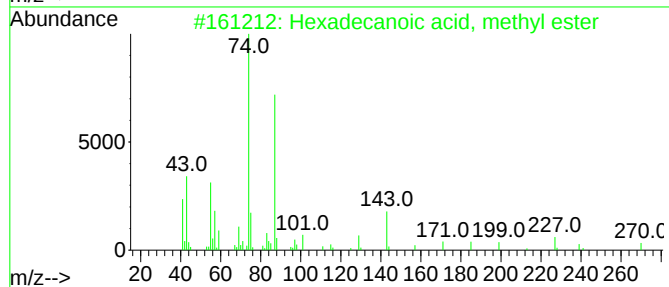
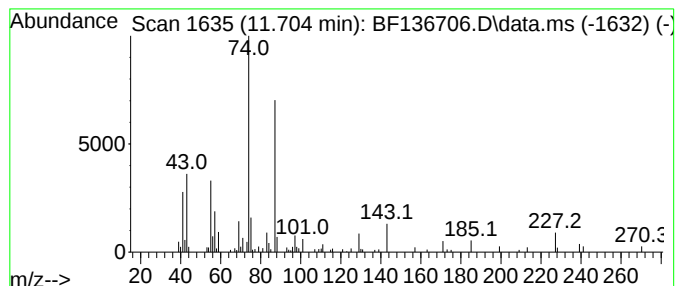
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	3.48 ng	64228	Phenanthrene-d10	11.310

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	94
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	80
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

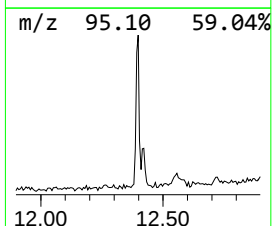
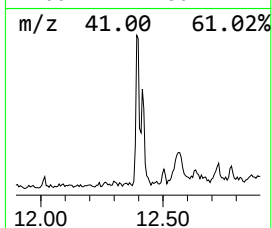
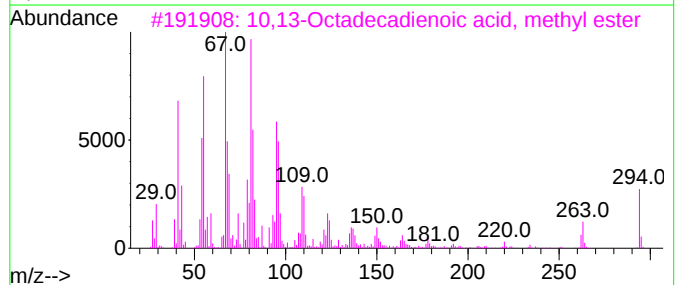
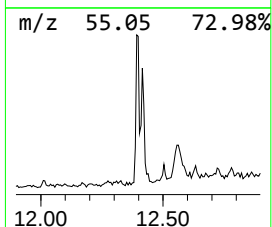
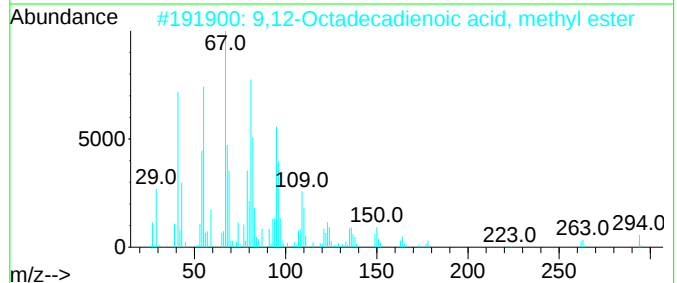
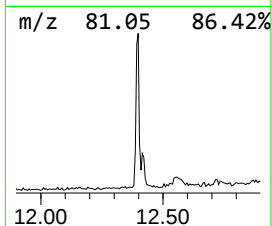
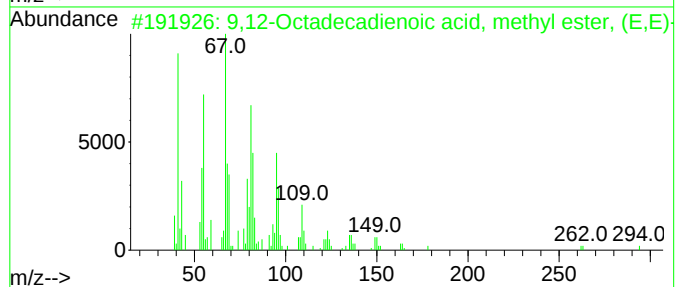
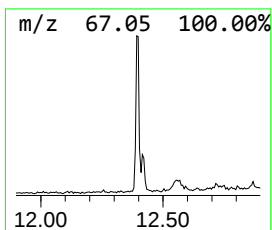
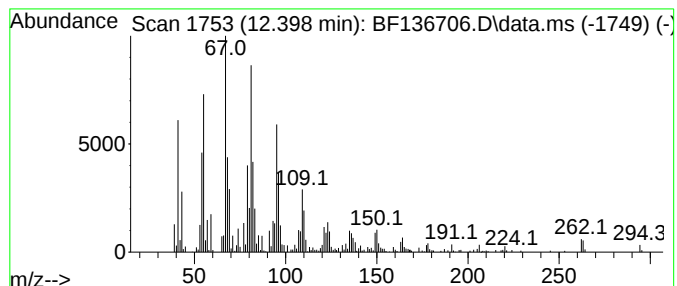
Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.398	17.69 ng	326924	Phenanthrene-d10	11.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

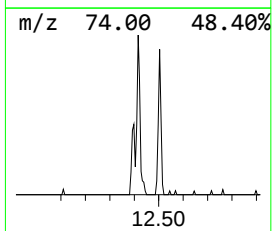
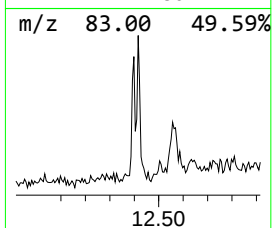
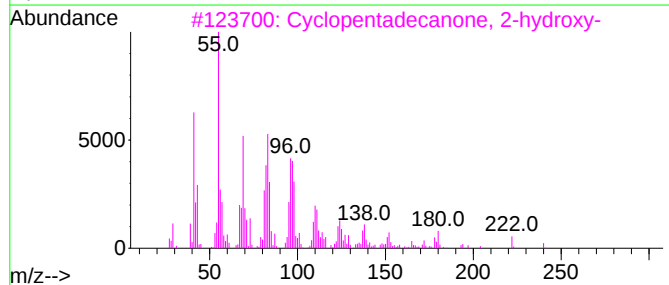
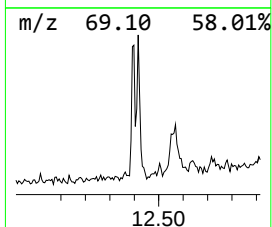
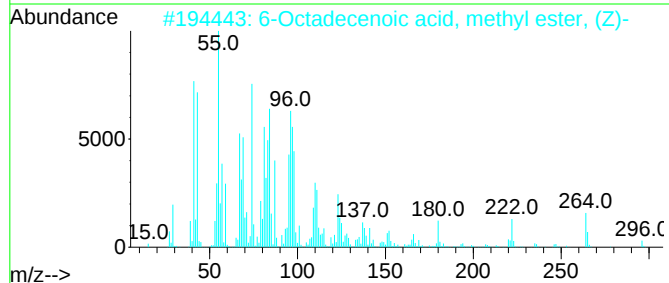
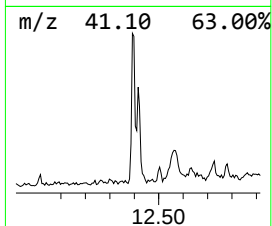
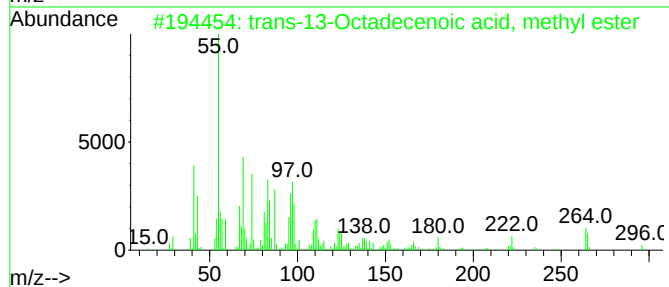
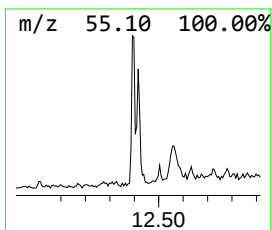
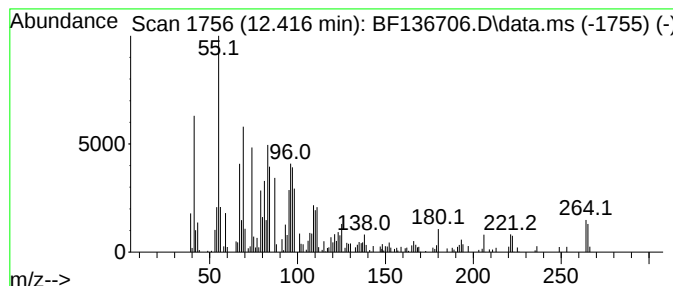
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 trans-13-Octadecenoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	8.05 ng	148760	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	87
2			6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	87
3			Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	80
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	78
5			7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

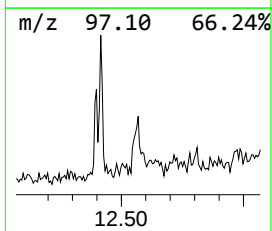
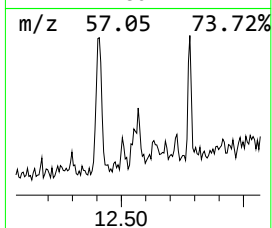
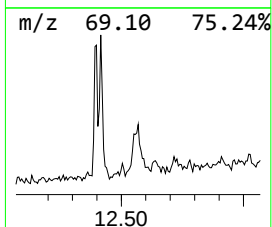
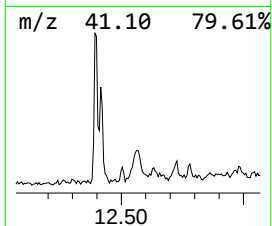
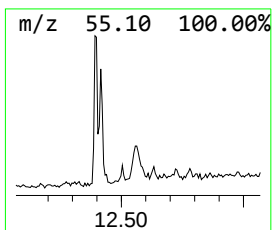
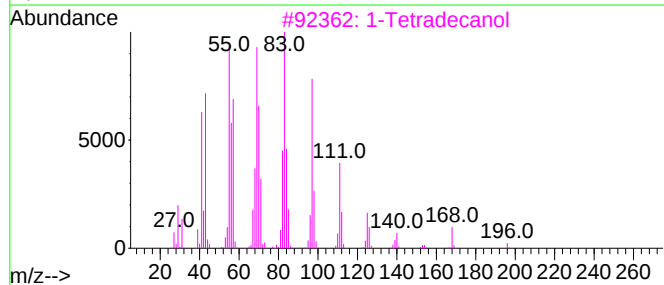
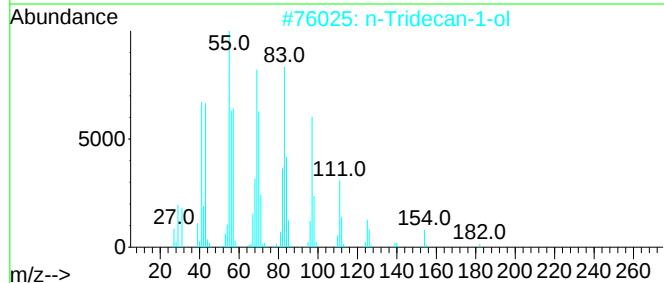
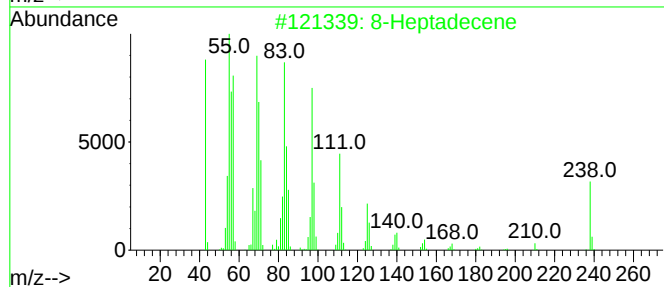
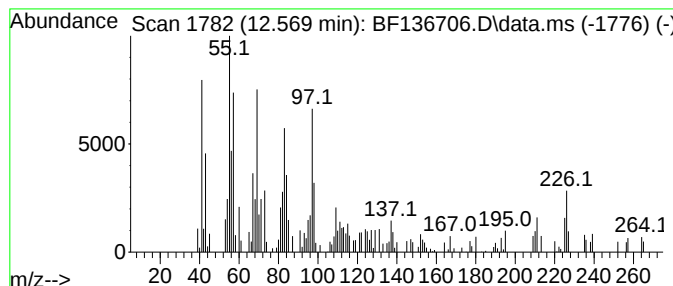
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 8-Heptadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	6.17 ng	114010	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Heptadecene	238	C17H34	002579-04-6	58
2			n-Tridecan-1-ol	200	C13H28O	000112-70-9	52
3			1-Tetradecanol	214	C14H30O	000112-72-1	52
4			1-Pentadecene	210	C15H30	013360-61-7	49
5			Cyclopentane, decyl-	210	C15H30	001795-21-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

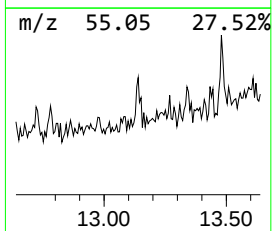
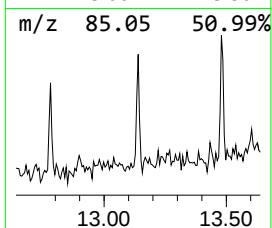
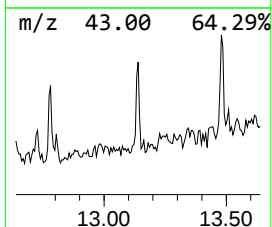
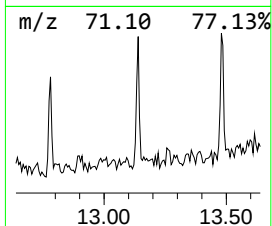
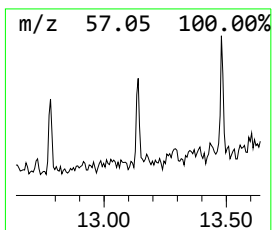
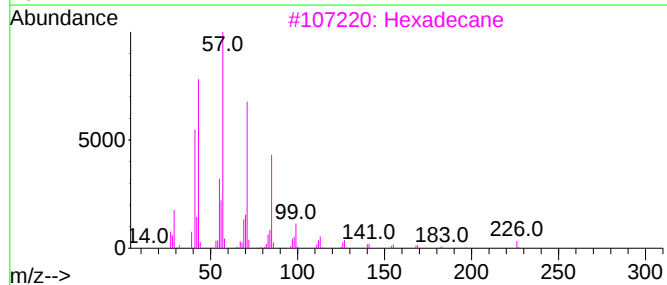
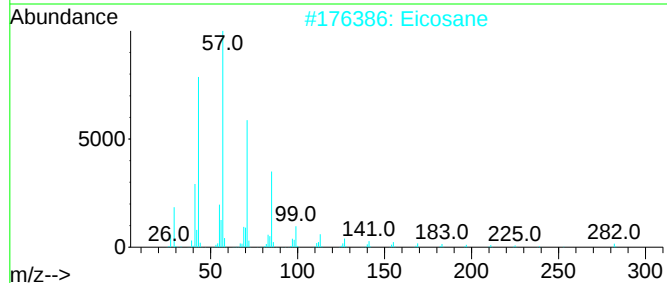
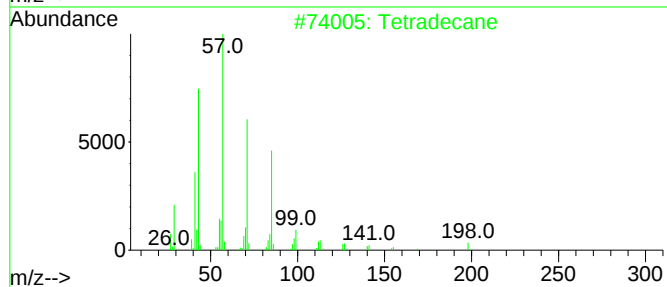
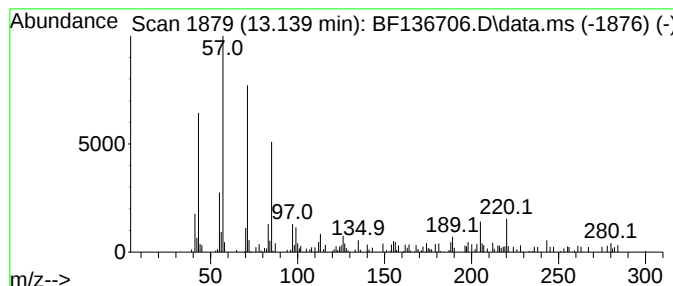
Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.139	2.23 ng	40158	Chrysene-d12	13.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	70
2	Eicosane	282	C20H42	000112-95-8	62
3	Hexadecane	226	C16H34	000544-76-3	62
4	Undecane	156	C11H24	001120-21-4	58
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

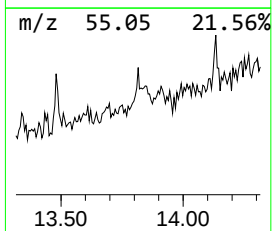
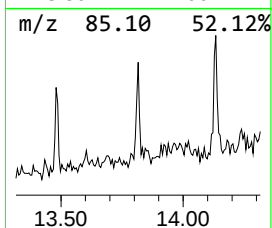
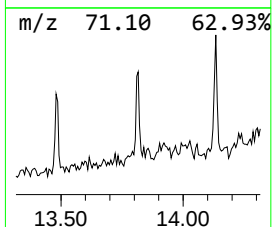
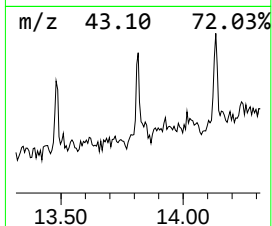
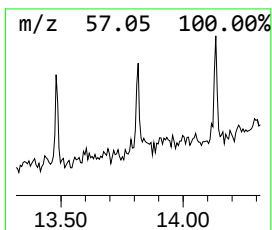
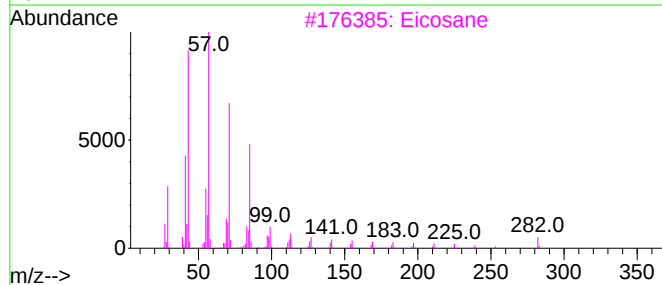
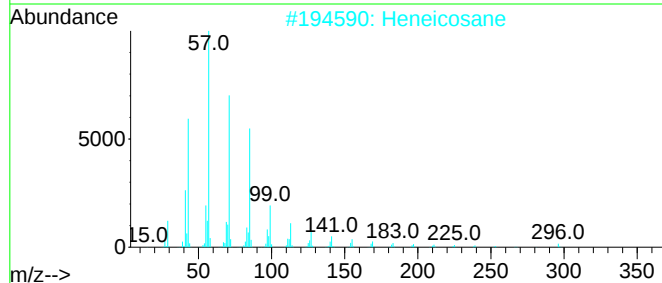
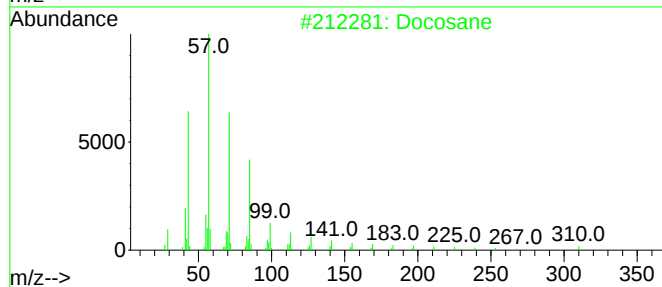
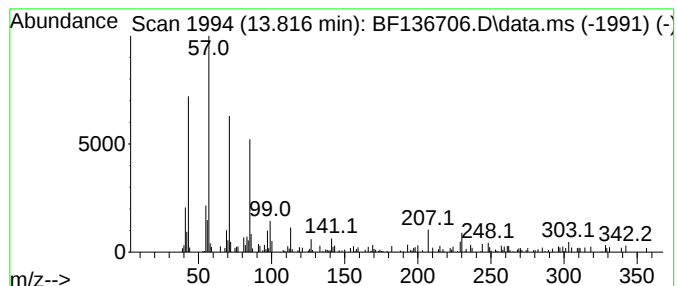
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	2.51 ng	45235	Chrysene-d12	13.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosane	310	C22H46	000629-97-0	94
2		Heneicosane	296	C21H44	000629-94-7	89
3		Eicosane	282	C20H42	000112-95-8	76
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5		Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

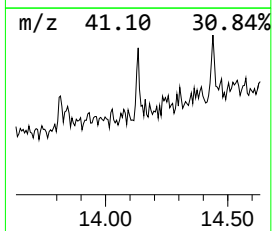
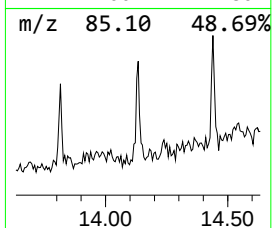
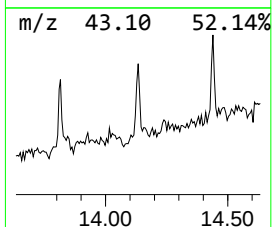
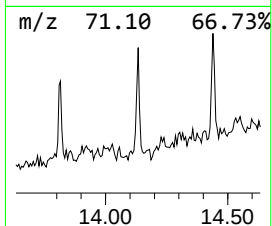
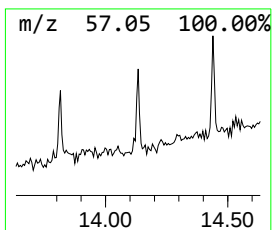
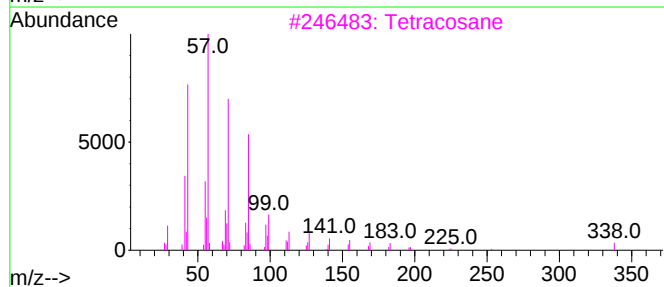
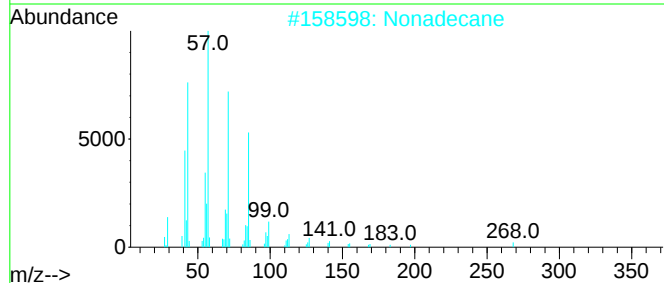
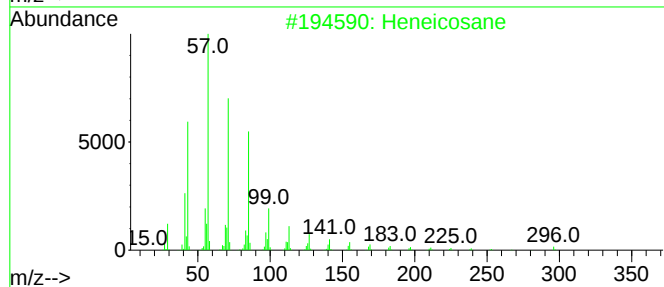
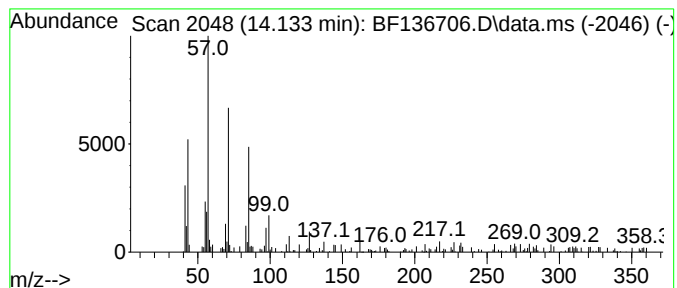
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	2.10 ng	37770	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Nonadecane	268	C19H40	000629-92-5	90
3			Tetracosane	338	C24H50	000646-31-1	87
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
5			Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

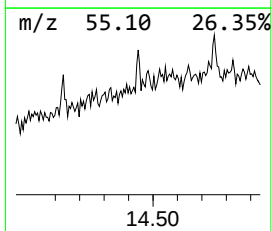
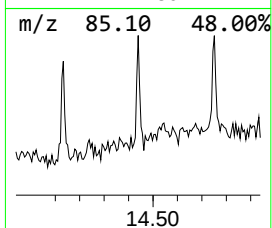
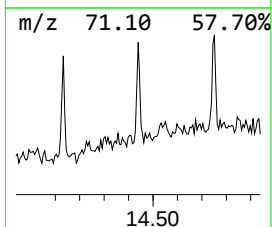
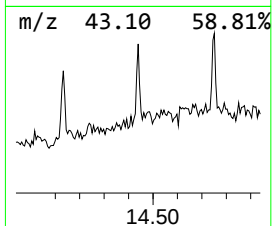
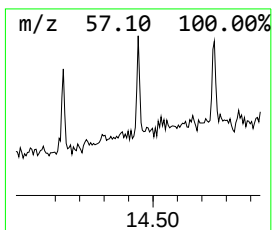
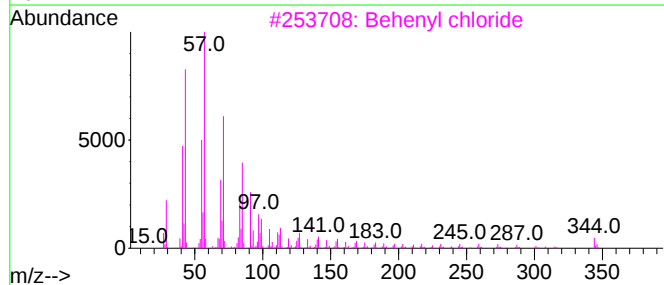
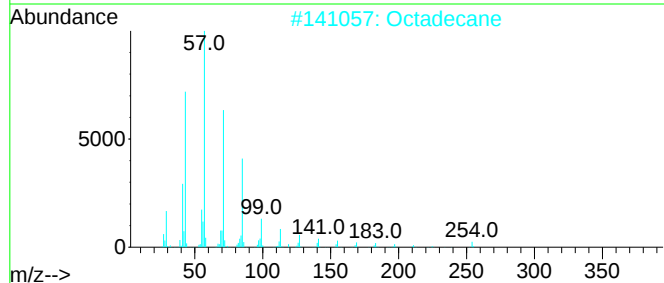
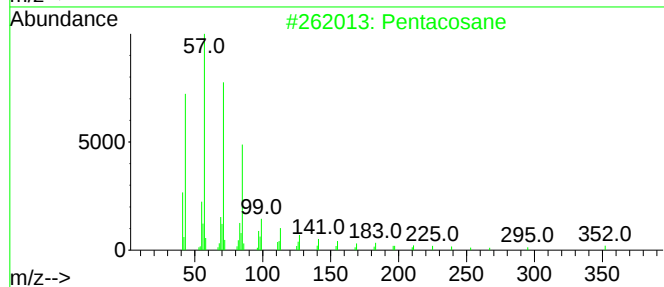
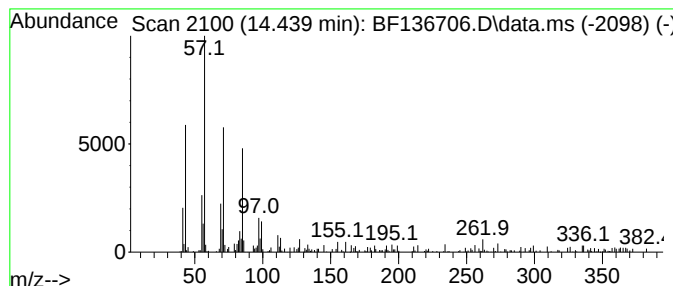
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.439	2.98 ng	53661	Chrysene-d12	13.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentacosane	352	C25H52	000629-99-2	90
2		Octadecane	254	C18H38	000593-45-3	89
3		Behenyl chloride	344	C22H45Cl	042217-03-8	87
4		Hexacosane	366	C26H54	000630-01-3	81
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136706.D
Acq On : 23 Dec 2023 02:14
Operator : CG\JU
Sample : 05970-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12202023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Benzenesulfonam...	10.722	2.1	ng	38152	4	11.310	369574	20.0
Hexadecanoic ac...	11.704	3.5	ng	64228	4	11.310	369574	20.0
9,12-Octadecadi...	12.398	17.7	ng	326924	4	11.310	369574	20.0
trans-13-Octade...	12.416	8.1	ng	148760	4	11.310	369574	20.0
8-Heptadecene	12.569	6.2	ng	114010	4	11.310	369574	20.0
Tetradecane	13.139	2.2	ng	40158	5	13.963	360246	20.0
Docosane	13.816	2.5	ng	45235	5	13.963	360246	20.0
Heneicosane	14.133	2.1	ng	37770	5	13.963	360246	20.0
Pentacosane	14.439	3.0	ng	53661	5	13.963	360246	20.0