

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141098.D
 Acq On : 08 Jan 2025 21:34
 Operator : RC/JU
 Sample : Q1027-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-010725

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-BF122624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141098.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	562	567	576	rBV	413469	533210	2.19%	0.710%
2	6.445	733	740	748	rBV	379102	510934	2.10%	0.680%
3	6.828	800	805	812	rBV	776854	961735	3.94%	1.280%
4	7.381	891	899	903	rBV2	243780	442102	1.81%	0.589%
5	7.428	903	907	911	rVV	304551	386277	1.58%	0.514%
6	8.110	1010	1023	1030	rBV2	981925	2197738	9.01%	2.926%
7	8.404	1068	1073	1079	rBV7	146566	255672	1.05%	0.340%
8	8.528	1091	1094	1100	rBV	162861	245748	1.01%	0.327%
9	8.698	1119	1123	1128	rBV	603205	776422	3.18%	1.034%
10	9.181	1201	1205	1209	rVB	399142	472826	1.94%	0.629%
11	9.263	1215	1219	1224	rBV	625337	865180	3.55%	1.152%
12	9.522	1256	1263	1265	rVV4	129869	260368	1.07%	0.347%
13	9.586	1269	1274	1277	rVV3	247760	450701	1.85%	0.600%
14	9.792	1305	1309	1314	rVB	526146	670790	2.75%	0.893%
15	9.863	1314	1321	1325	rVV	866772	1209169	4.96%	1.610%
16	9.904	1325	1328	1336	rVB2	127271	246064	1.01%	0.328%
17	10.292	1390	1394	1398	rBV	485531	599858	2.46%	0.799%
18	10.516	1427	1432	1437	rBV	199446	309103	1.27%	0.411%
19	10.645	1449	1454	1458	rVB3	250137	345244	1.42%	0.460%
20	10.769	1471	1475	1482	rBV	526451	819067	3.36%	1.090%
21	10.875	1489	1493	1497	rVB	346190	413789	1.70%	0.551%
22	11.216	1547	1551	1554	rBV	398498	511916	2.10%	0.681%
23	11.245	1554	1556	1562	rVB2	209041	274163	1.12%	0.365%
24	11.345	1569	1573	1576	rBV	819621	1165280	4.78%	1.551%
25	11.669	1620	1628	1633	rBV2	819630	1491517	6.12%	1.986%
26	11.751	1636	1642	1647	rVB	8322150	11184135	45.86%	14.889%
27	11.880	1660	1664	1673	rVV2	937320	1339830	5.49%	1.784%
28	12.057	1689	1694	1701	rVB2	335768	605916	2.48%	0.807%
29	12.151	1706	1710	1717	rBV	203473	275245	1.13%	0.366%
30	12.451	1753	1761	1763	rBV2	12001861	24385846	100.00%	32.463%
31	12.545	1773	1777	1780	rBV	4864805	6179631	25.34%	8.227%
32	12.598	1780	1786	1794	rVB2	3229903	7173833	29.42%	9.550%
33	12.669	1795	1798	1810	rVB3	484094	905295	3.71%	1.205%
34	12.780	1812	1817	1822	rBV2	471230	1016074	4.17%	1.353%
35	12.939	1840	1844	1848	rVB	418936	510694	2.09%	0.680%
36	13.127	1872	1876	1881	rBV3	246541	413239	1.69%	0.550%

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ClientSampleId :
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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-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.186	1881	1886	1892	rVB4	541211	931607	3.82%	1.240%
38	13.268	1896	1900	1901	rBV	370208	446965	1.83%	0.595%
39	13.327	1907	1910	1916	rVB3	285178	425700	1.75%	0.567%
40	13.933	2010	2013	2017	rBV	253648	314185	1.29%	0.418%
41	13.986	2018	2022	2034	rVB2	688760	1118947	4.59%	1.490%
42	14.892	2172	2176	2186	rVB	627173	1028417	4.22%	1.369%
43	15.451	2268	2271	2276	rBV	325049	447498	1.84%	0.596%

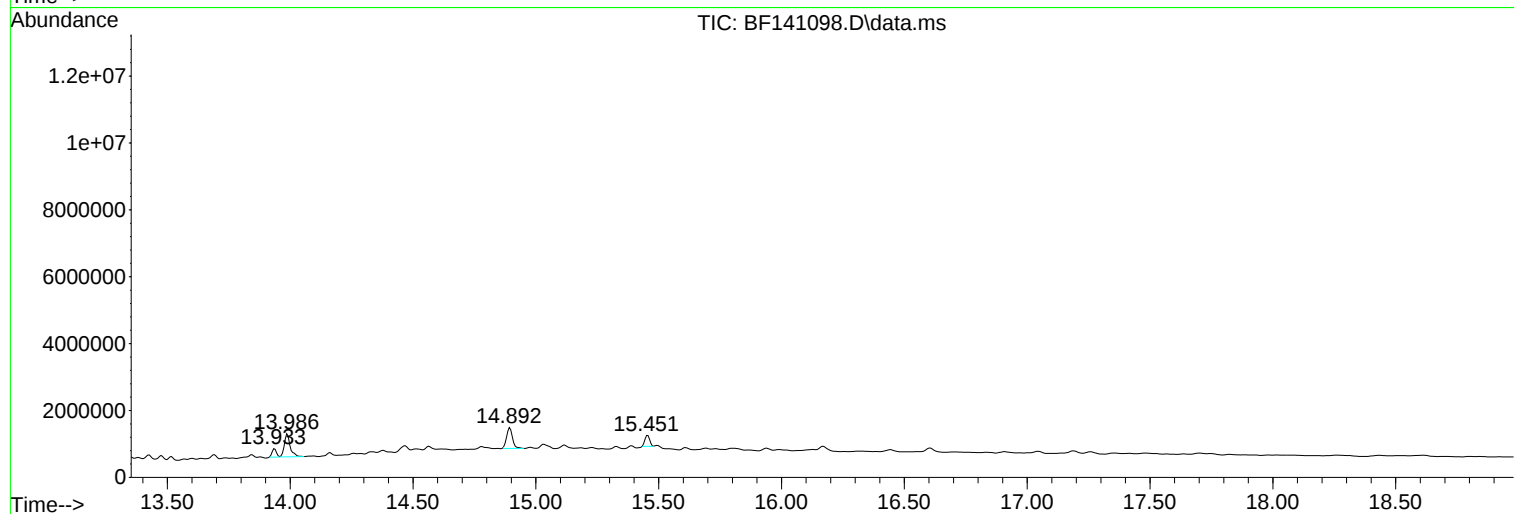
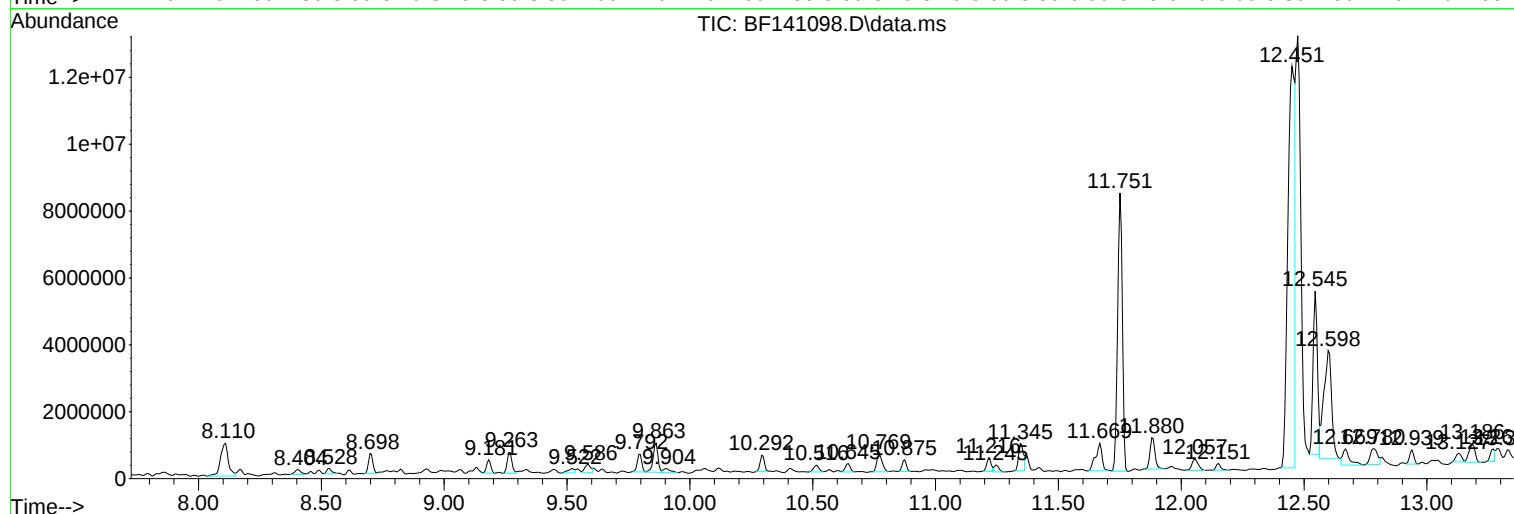
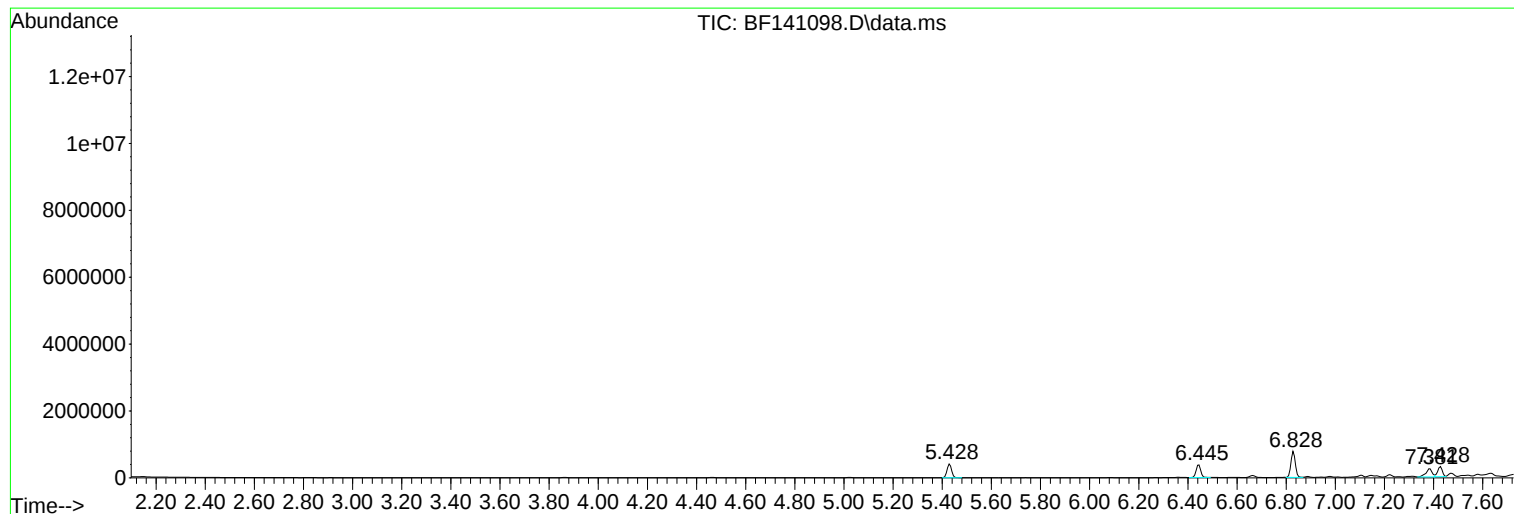
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
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EO-03-010725

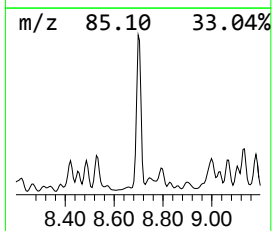
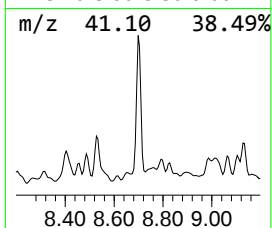
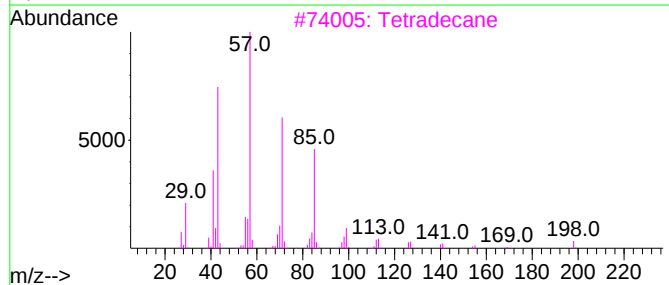
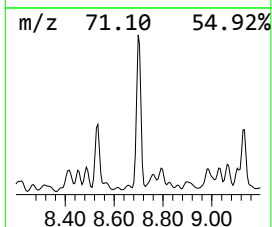
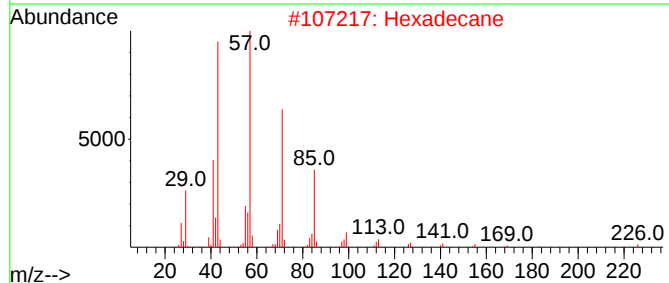
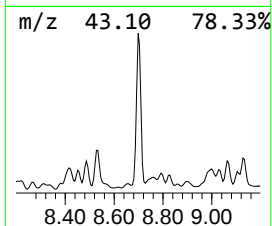
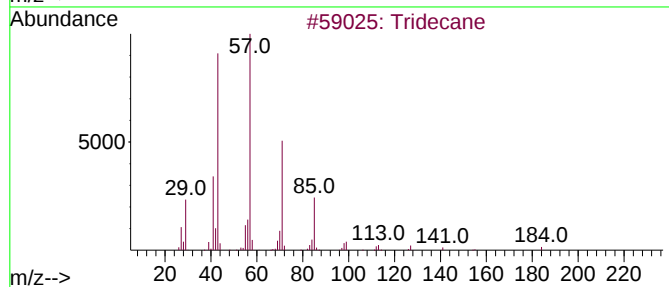
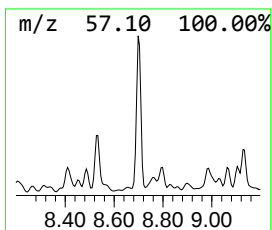
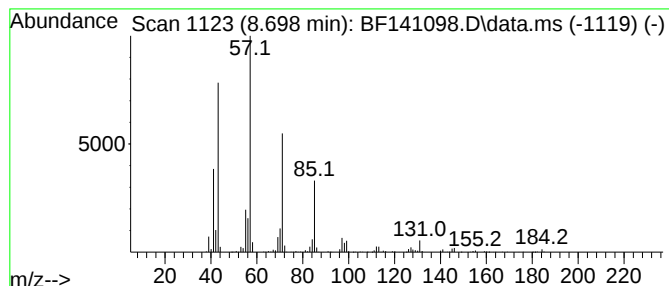
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	7.07 ng	776422	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72



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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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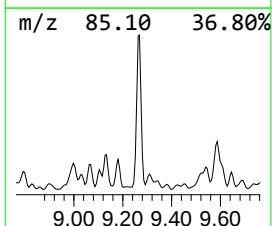
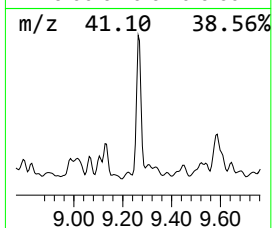
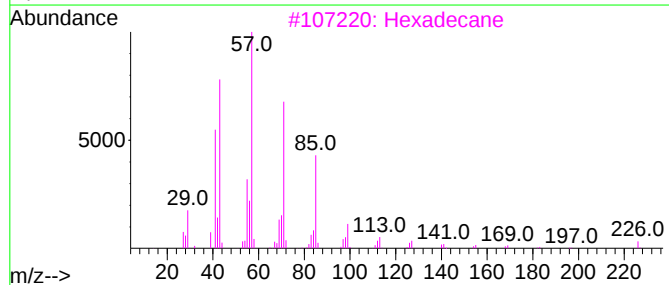
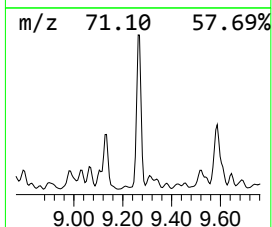
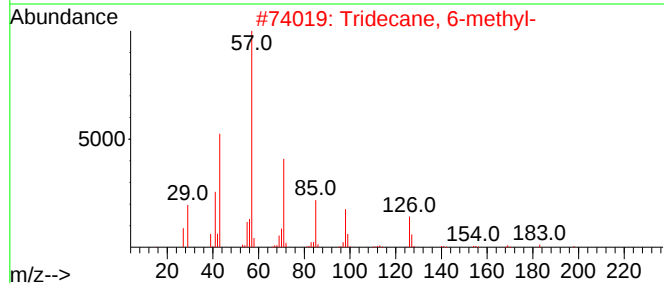
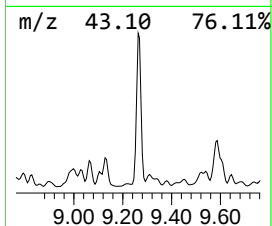
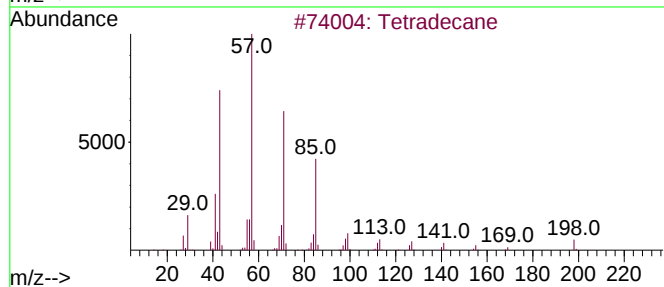
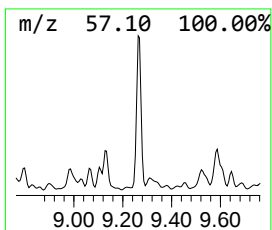
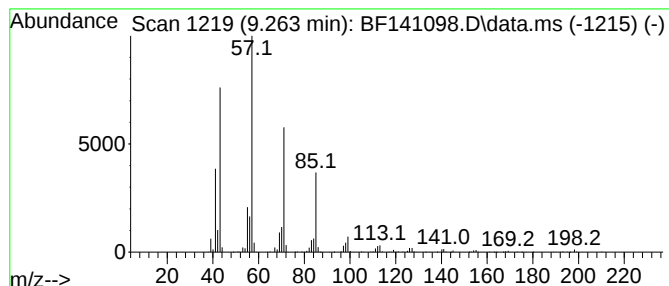
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	14.31 ng	865180	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tridecane	184	C13H28	000629-50-5	86
5		Pentadecane	212	C15H32	000629-62-9	86



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Misc :
ALS Vial : 21 Sample Multiplier: 1

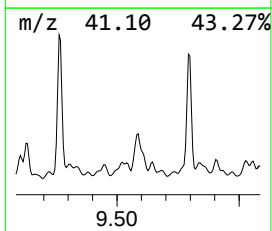
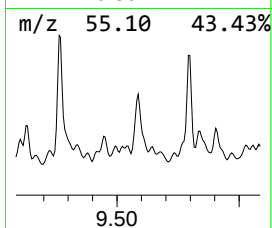
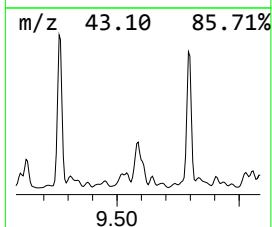
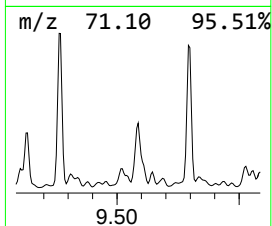
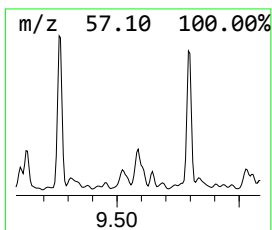
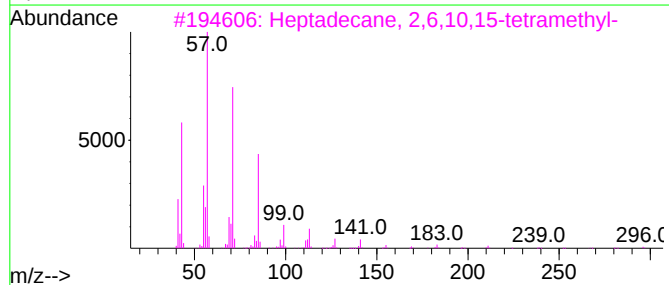
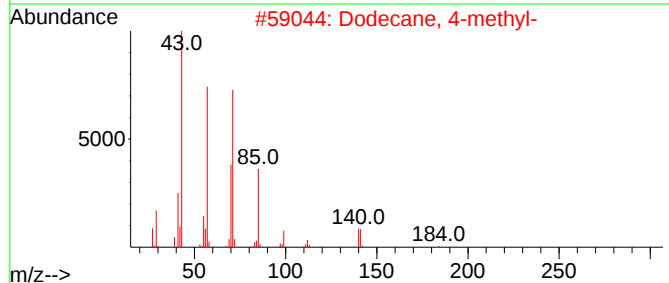
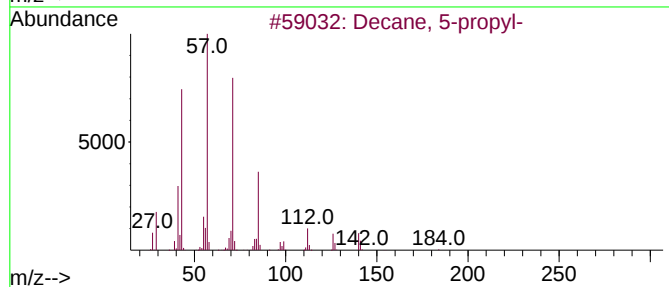
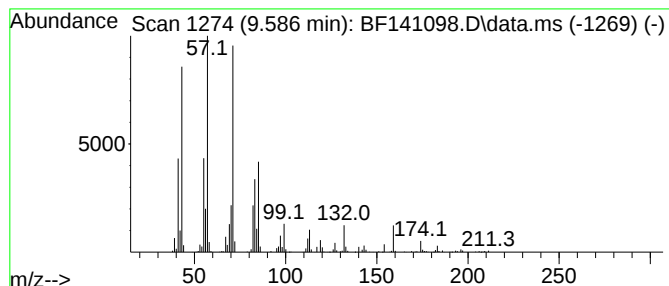
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 5-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.586	7.45 ng	450701	Acenaphthene-d10	9.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	60
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	55
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49



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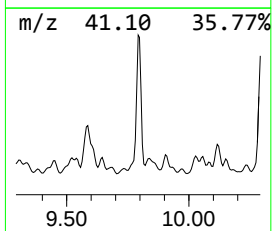
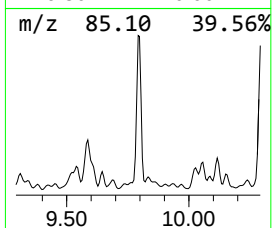
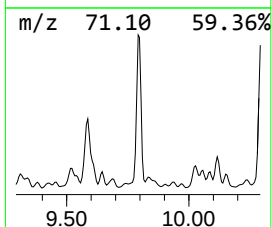
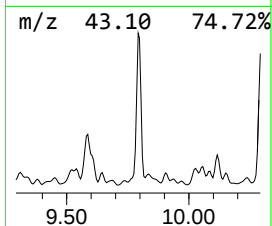
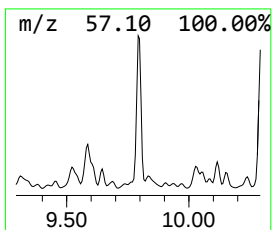
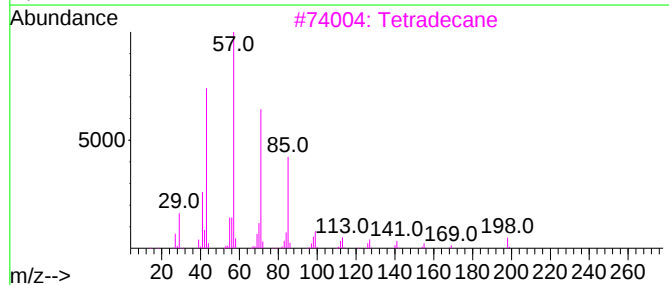
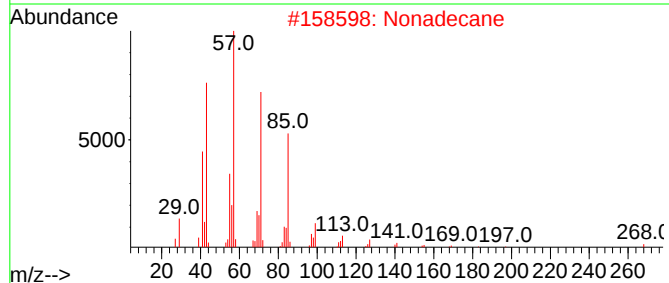
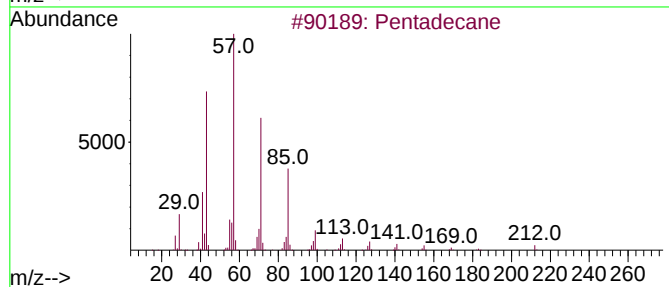
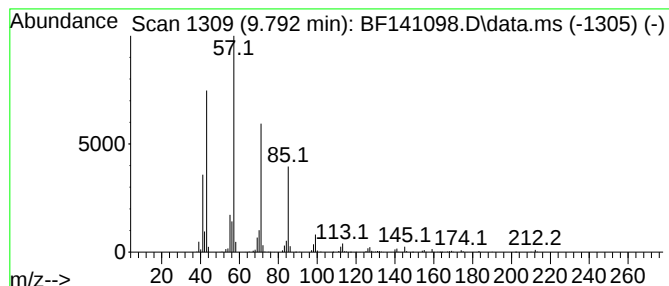
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	11.10 ng	670790	Acenaphthene-d10	9.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Nonadecane	268	C19H40	000629-92-5	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Hexadecane	226	C16H34	000544-76-3	86
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



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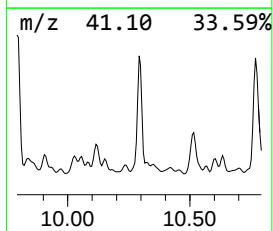
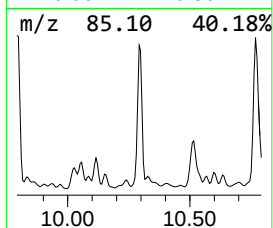
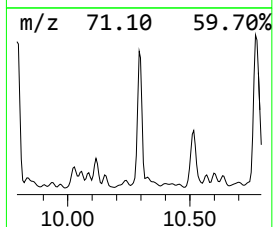
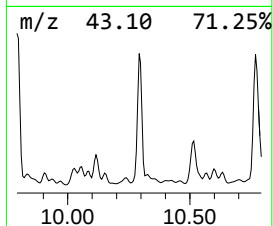
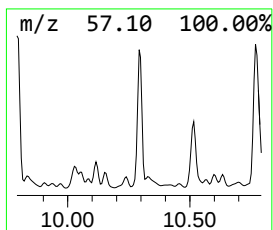
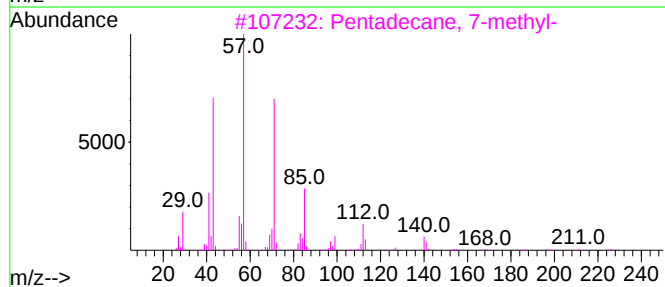
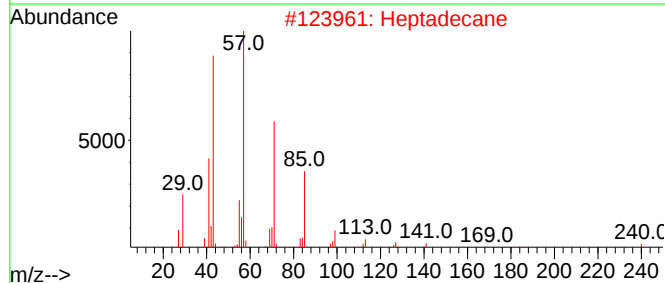
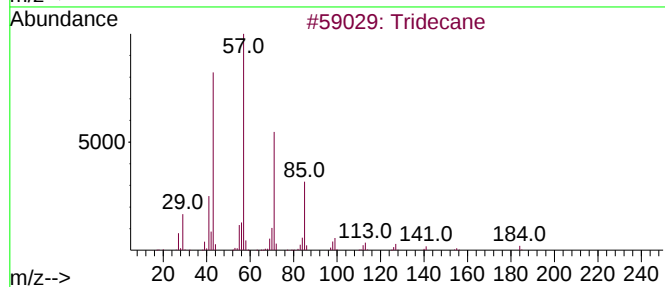
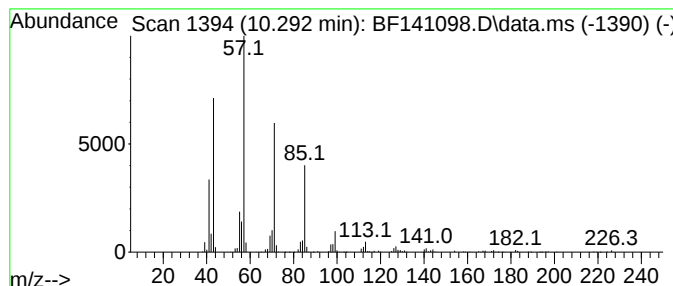
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	9.92 ng	599858	Acenaphthene-d10	9.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4			Hexadecane	226	C16H34	000544-76-3	80
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
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Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

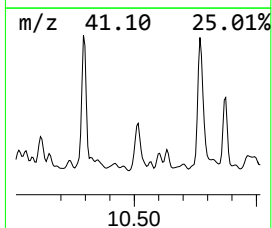
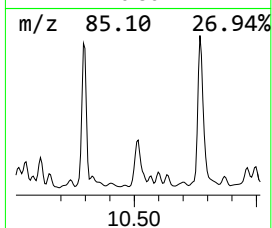
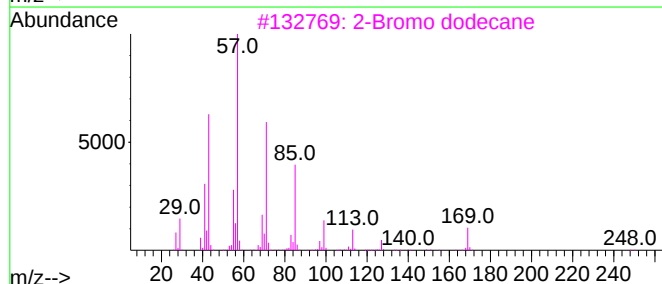
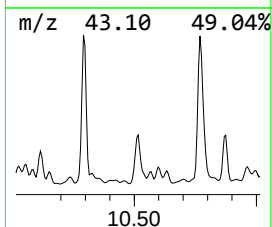
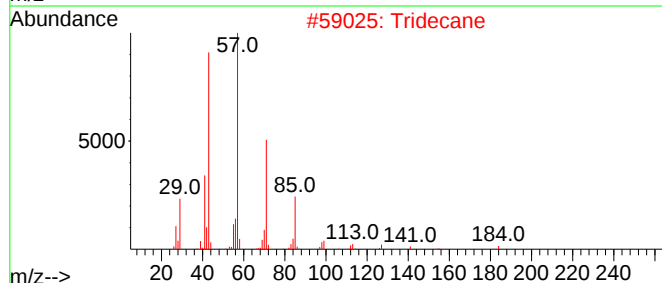
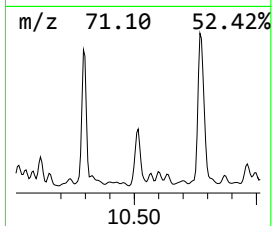
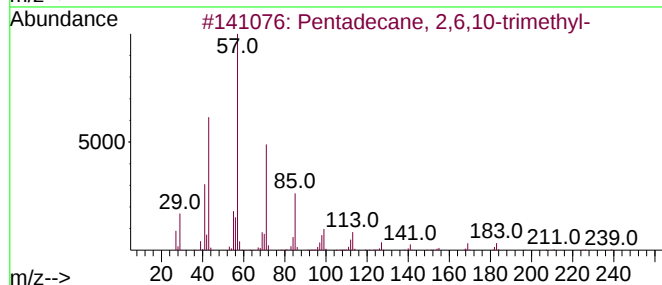
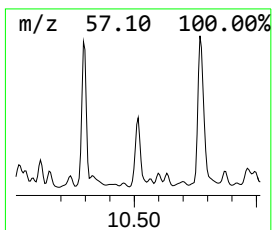
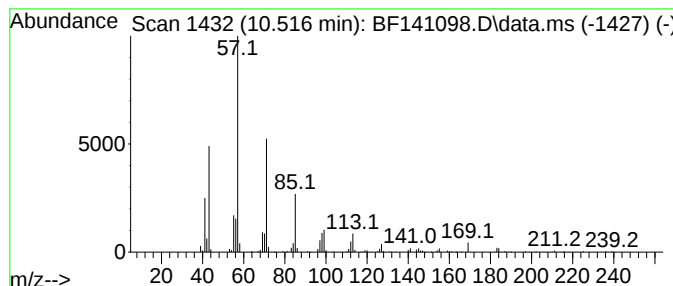
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ClientSampleId :
EO-03-010725

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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 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.516	5.11 ng	309103	Acenaphthene-d10	9.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane	184	C13H28	000629-50-5	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
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Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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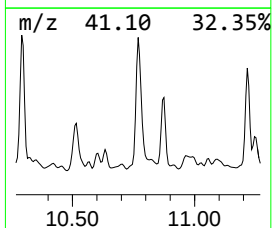
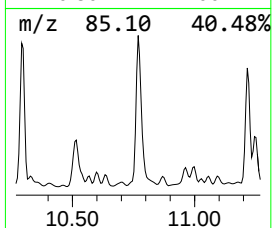
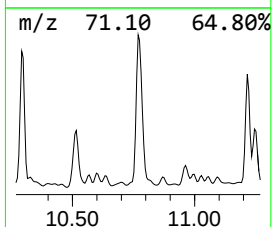
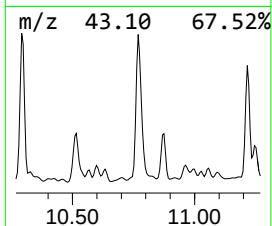
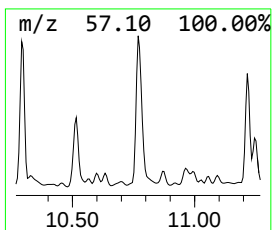
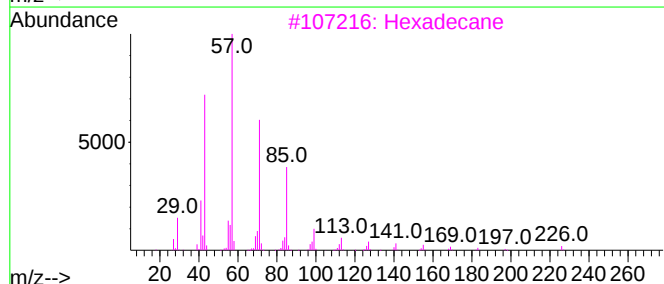
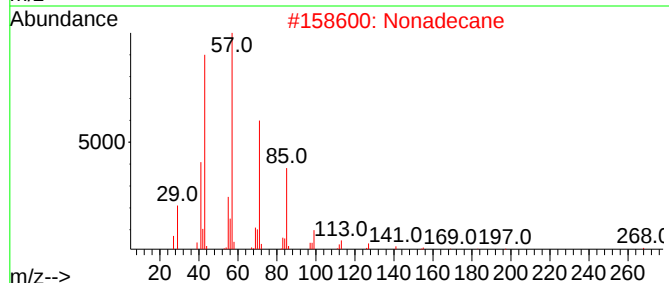
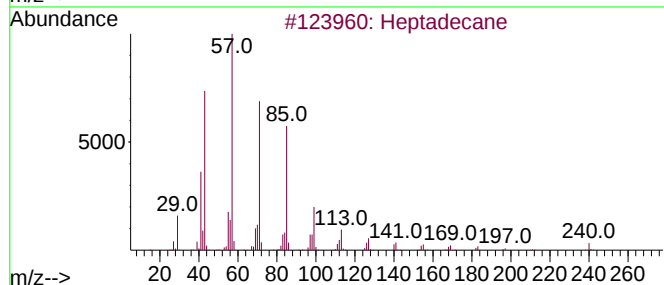
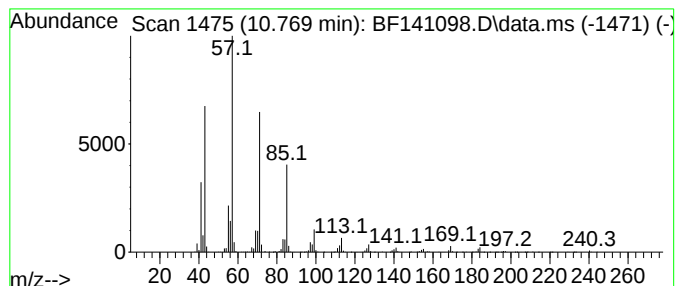
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	14.06 ng	819067	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heptacosane	380	C27H56	000593-49-7	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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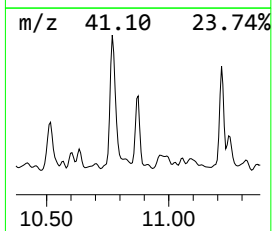
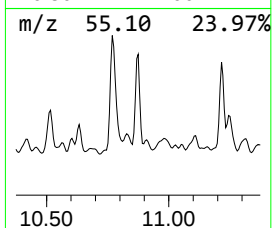
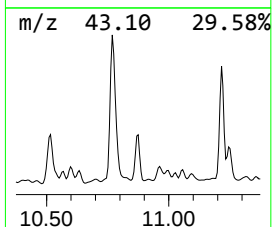
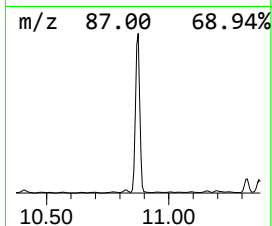
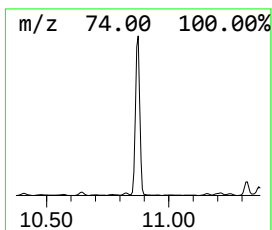
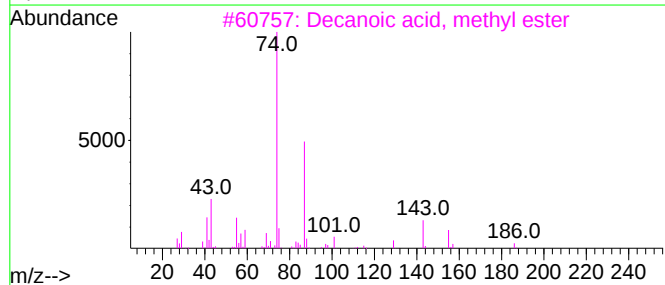
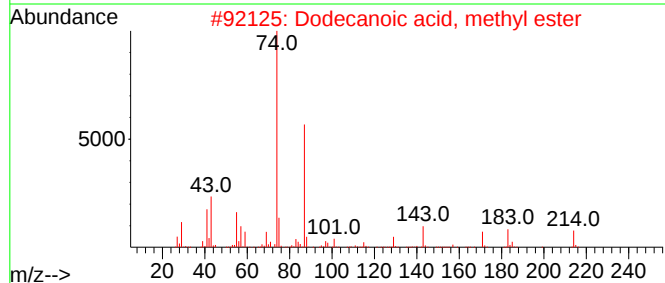
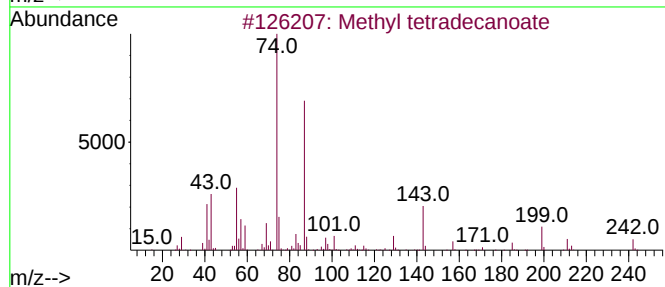
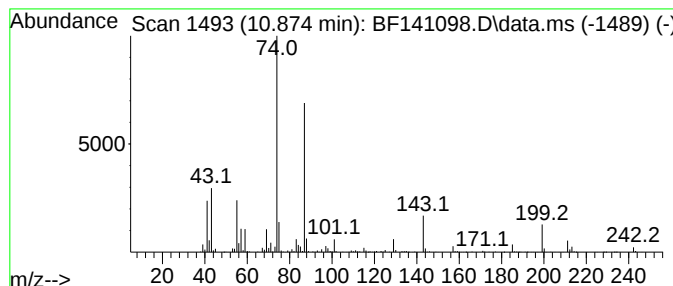
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Methyl tetradecanoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.874	7.10 ng	413789	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
3			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80
4			Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	80
5			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
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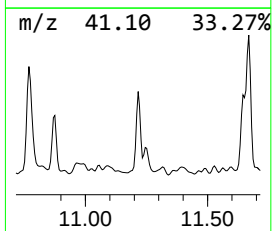
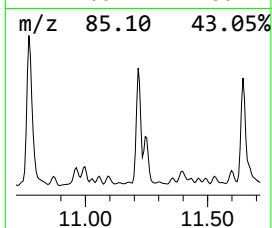
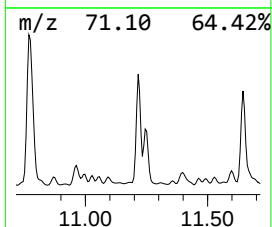
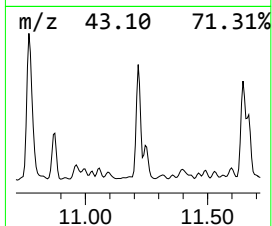
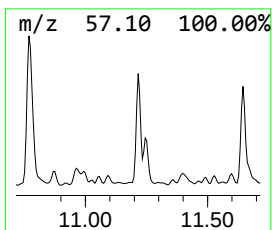
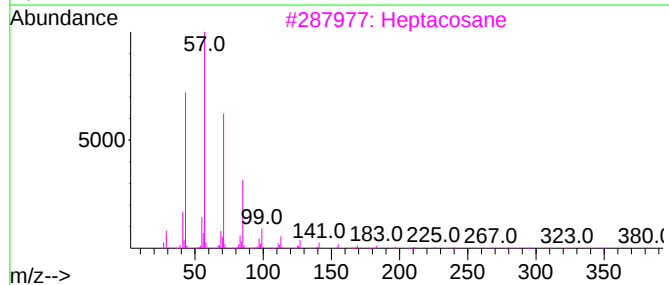
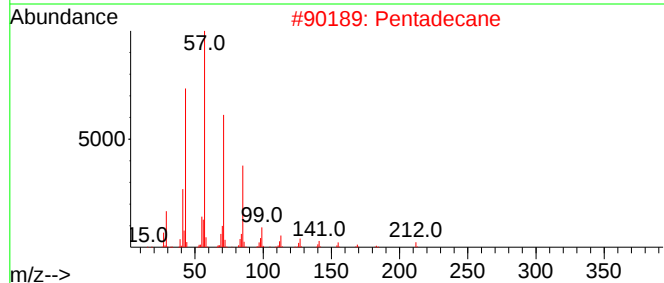
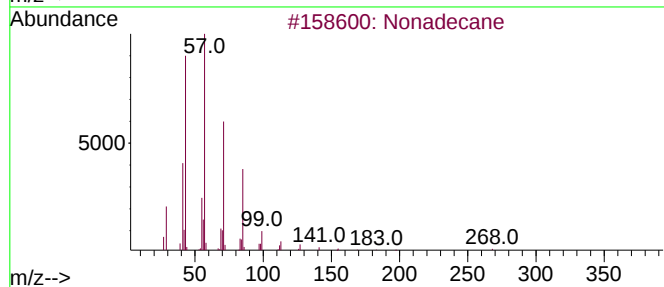
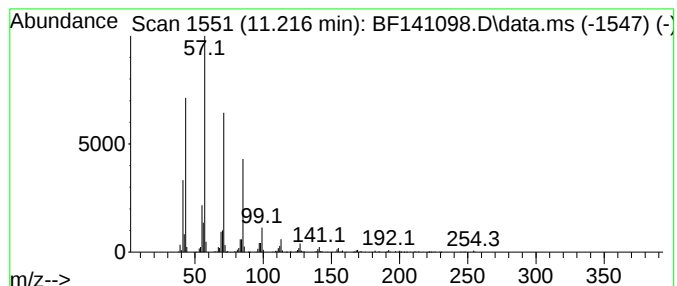
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.216	8.79 ng	511916	Phenanthrene-d10		11.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Pentadecane		212	C15H32	000629-62-9	91
3	Heptacosane		380	C27H56	000593-49-7	91
4	Hexadecane		226	C16H34	000544-76-3	90
5	Heptadecane		240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-010725

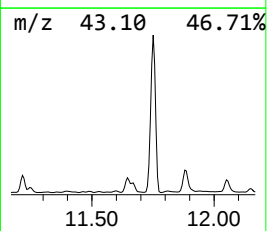
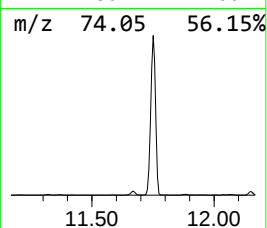
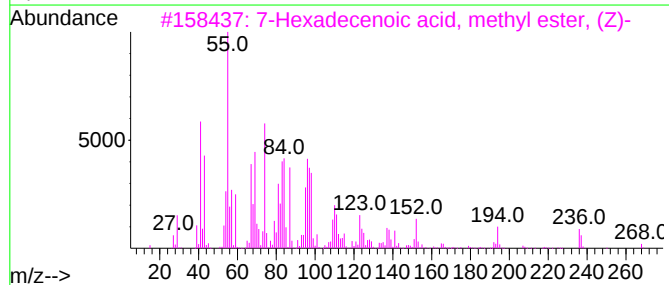
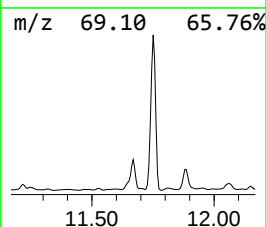
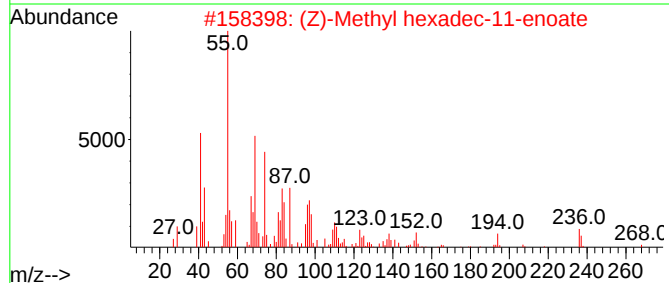
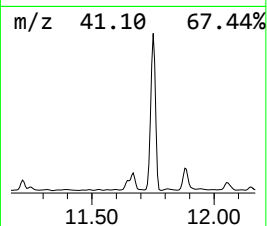
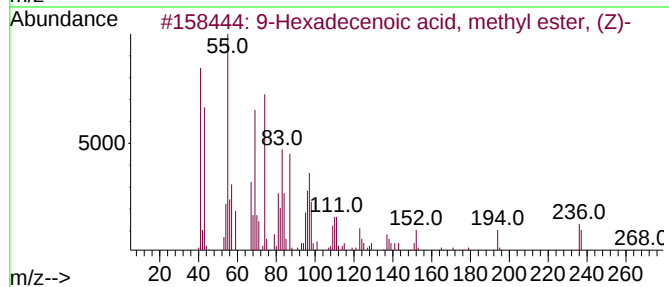
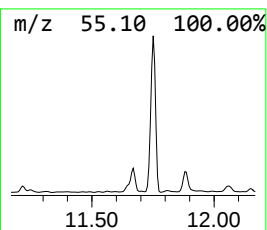
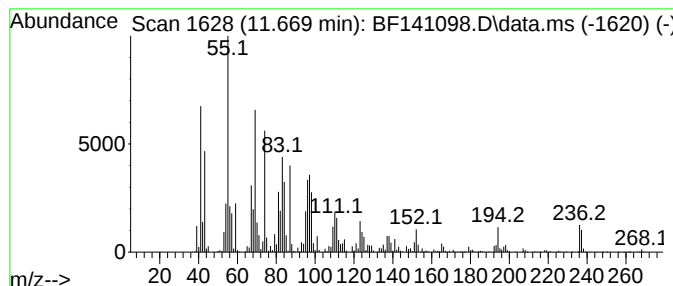
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Hexadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	25.60 ng	1491520	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2			(Z)-Methyl hexadec-11-enoate	268	C17H32O2	000822-05-9	96
3			7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	92
4			11-Hexadecenoic acid, methyl ester	268	C17H32O2	055000-42-5	91
5			Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
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ALS Vial : 21 Sample Multiplier: 1

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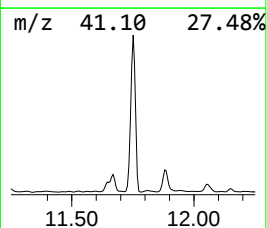
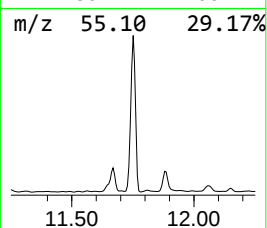
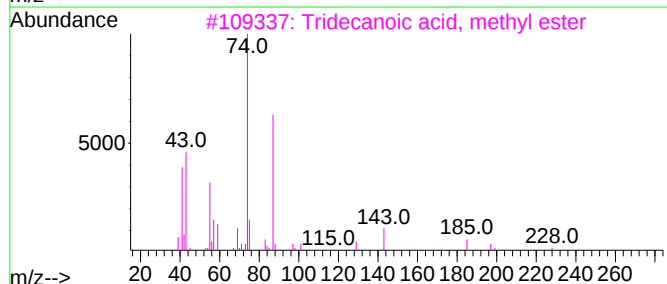
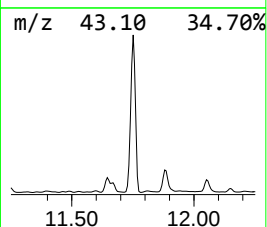
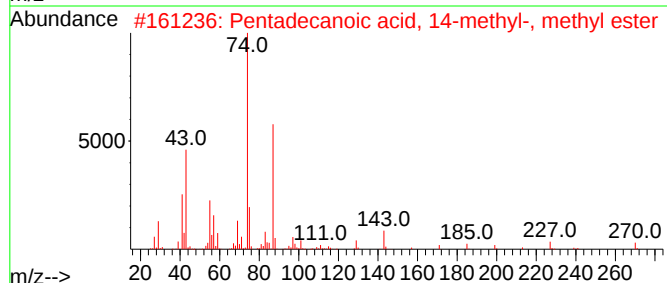
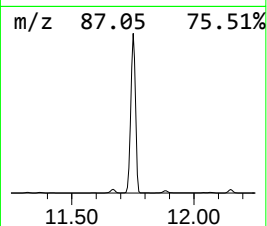
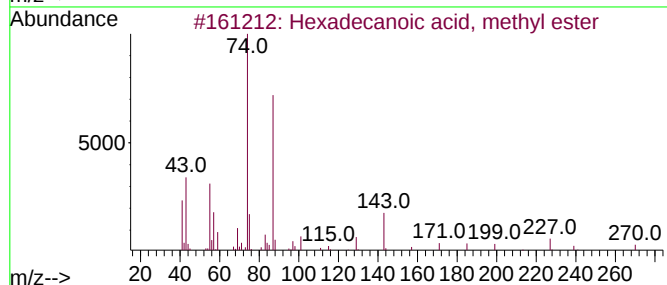
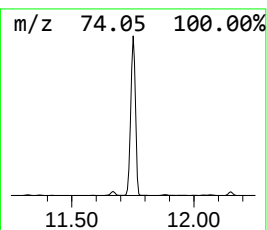
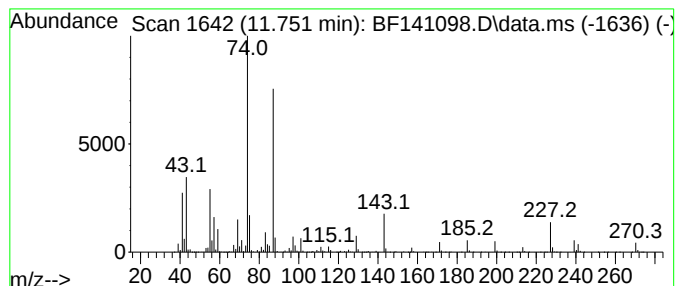
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	191.96 ng	11184100	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-010725

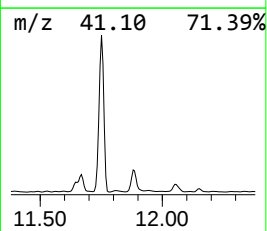
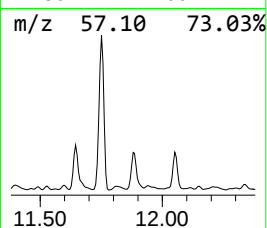
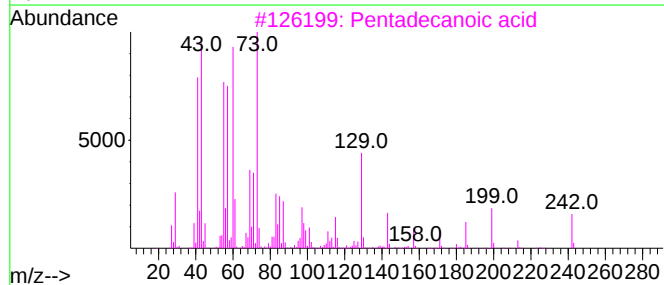
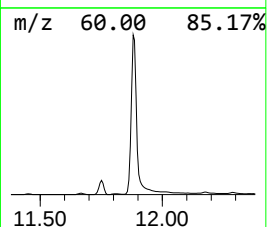
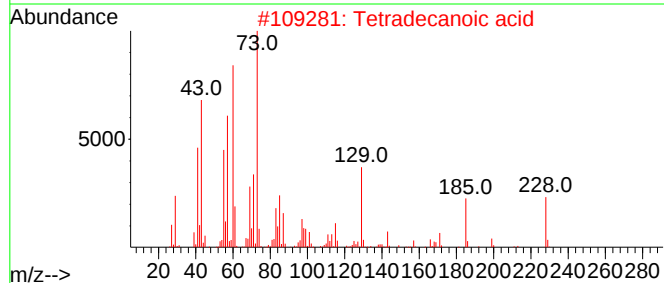
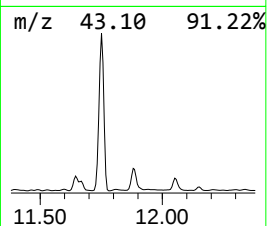
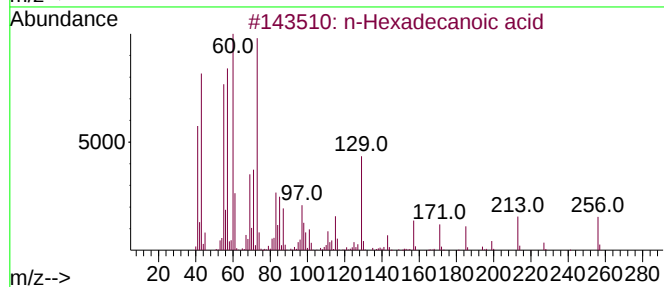
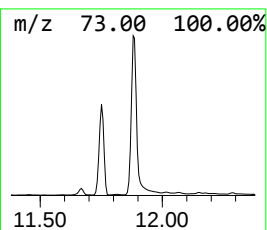
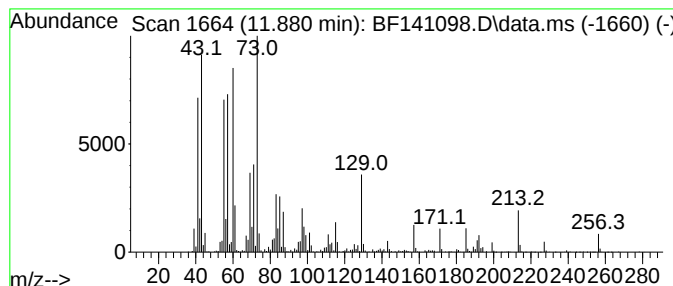
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	23.00 ng	1339830	Phenanthrene-d10	11.345

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	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	91
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

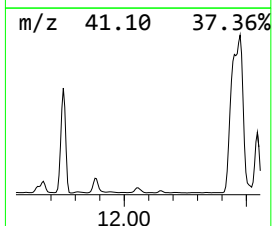
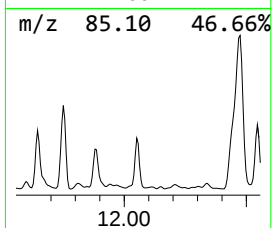
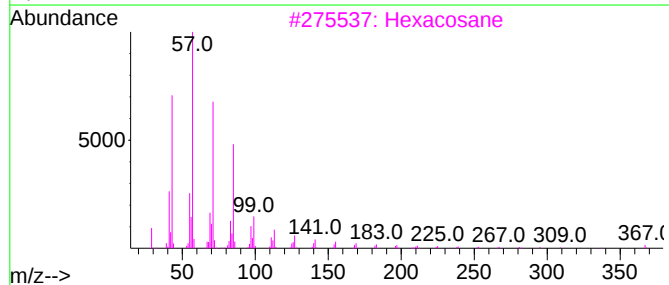
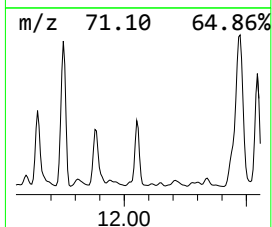
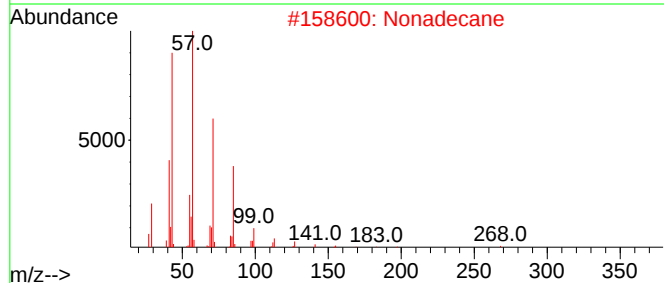
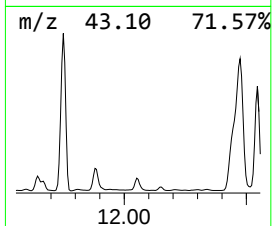
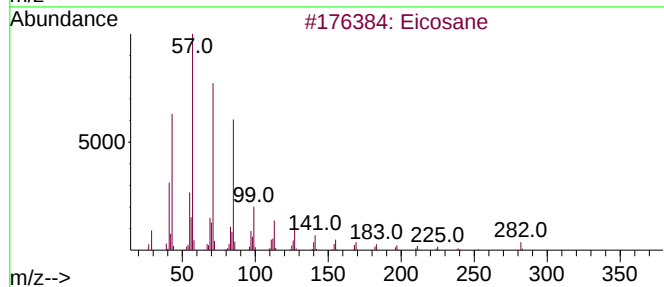
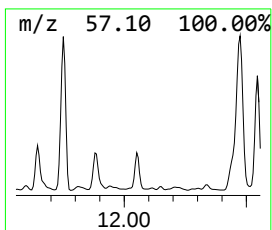
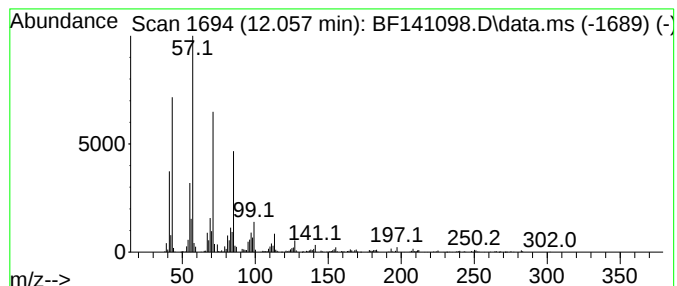
Instrument :
BNA_F
ClientSampleId :
EO-03-010725

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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 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.057	10.40 ng	605916	Phenanthrene-d10		11.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Nonadecane		268	C19H40	000629-92-5	93
3	Hexacosane		366	C26H54	000630-01-3	91
4	Heptadecane		240	C17H36	000629-78-7	90
5	Octacosane		394	C28H58	000630-02-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-010725

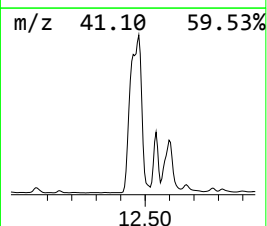
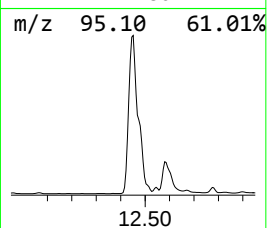
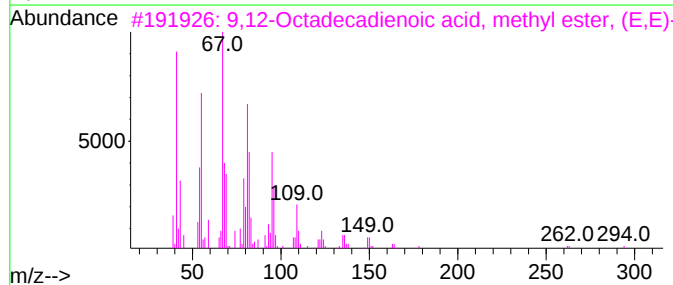
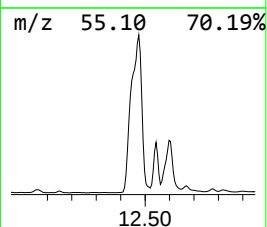
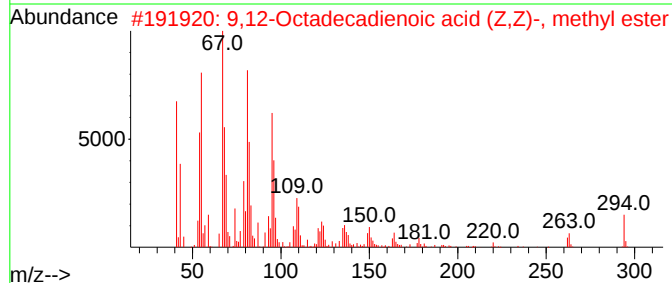
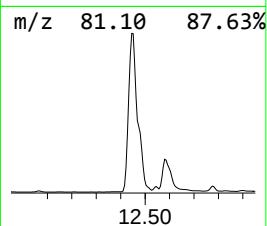
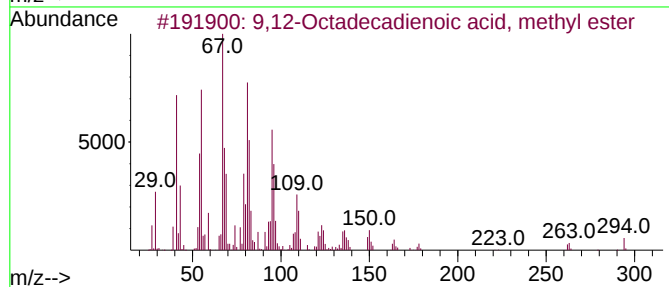
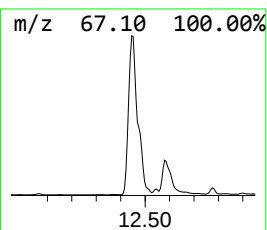
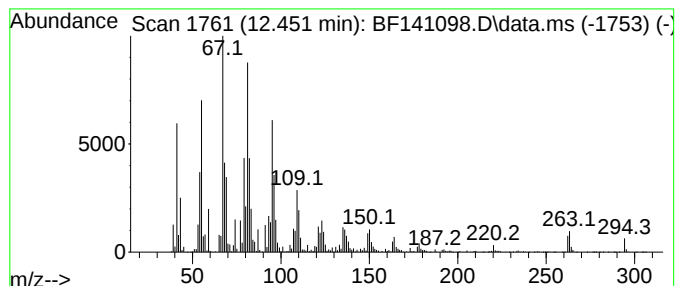
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	418.54 ng	24385800	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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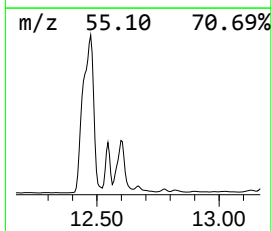
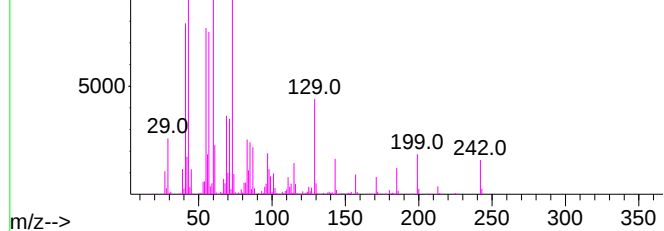
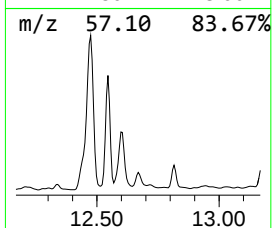
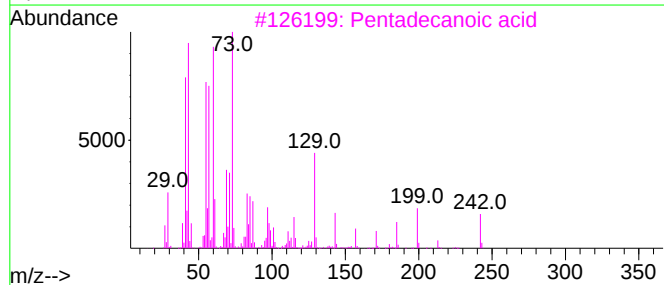
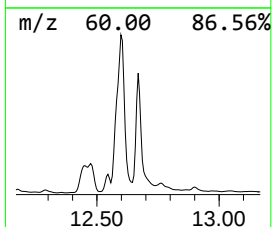
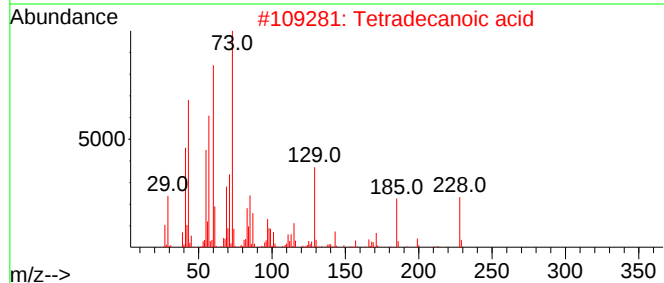
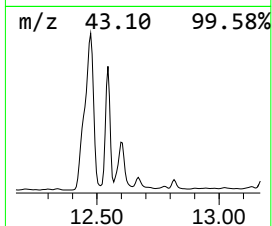
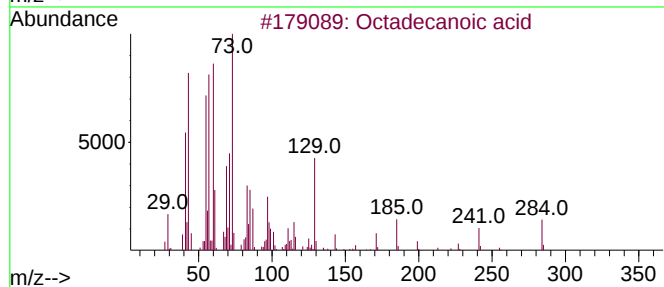
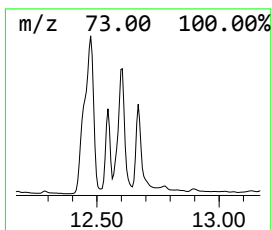
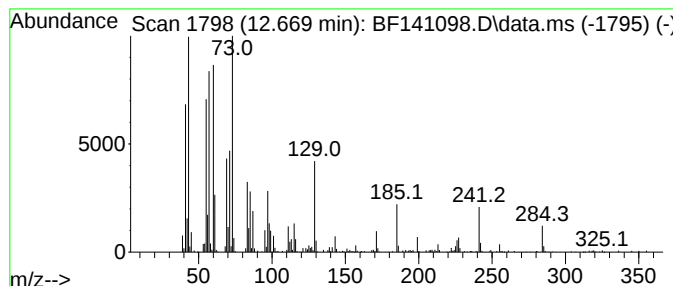
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	16.18 ng	905295	Chrysene-d12	13.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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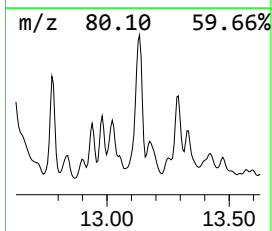
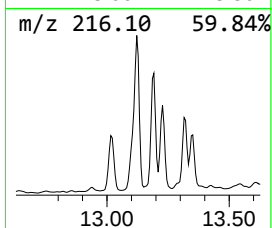
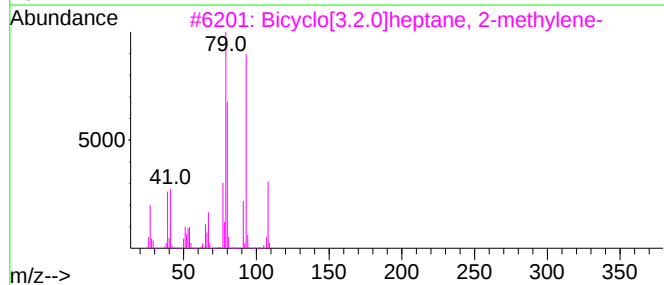
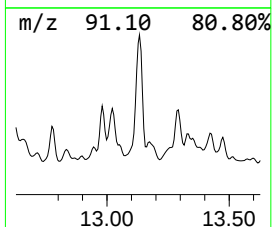
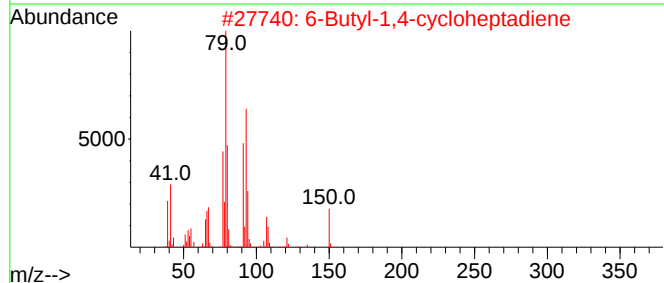
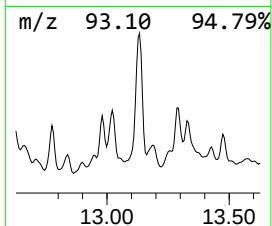
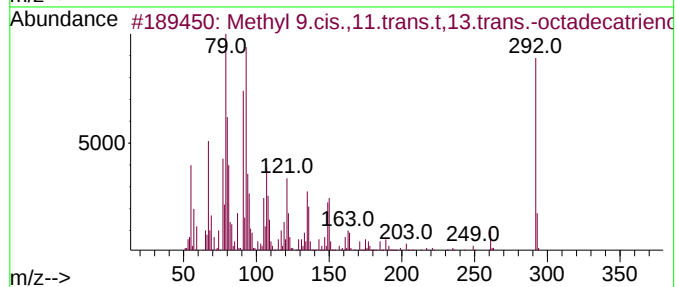
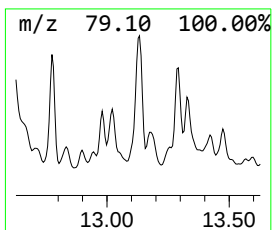
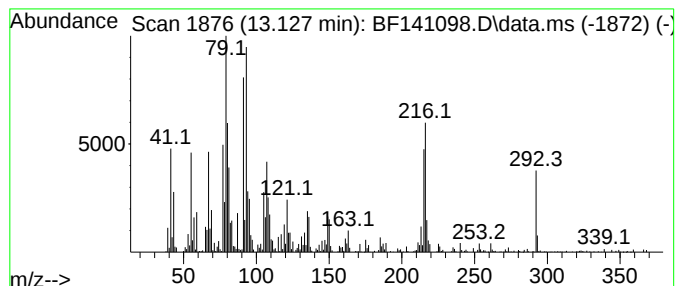
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Methyl 9.cis.,11.trans.t,13... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	7.39 ng	413239	Chrysene-d12	13.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	68
2			6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	60
3			Bicyclo[3.2.0]heptane, 2-methylene-	108	C8H12	089243-94-7	46
4			Camphene	136	C10H16	000079-92-5	45
5			Cyclopentane, 1-ethenyl-3-methyl...	108	C8H12	029668-63-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
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Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

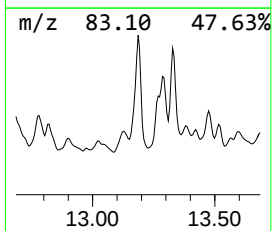
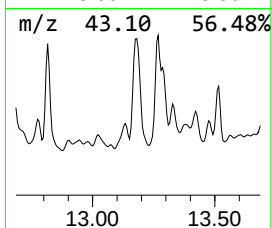
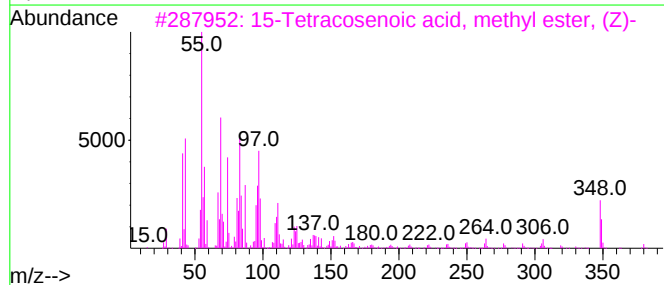
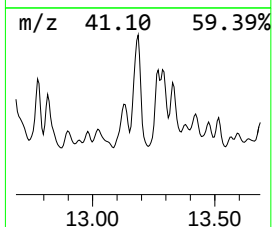
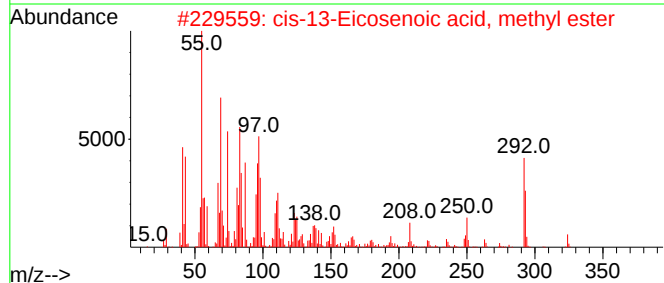
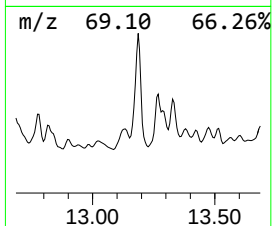
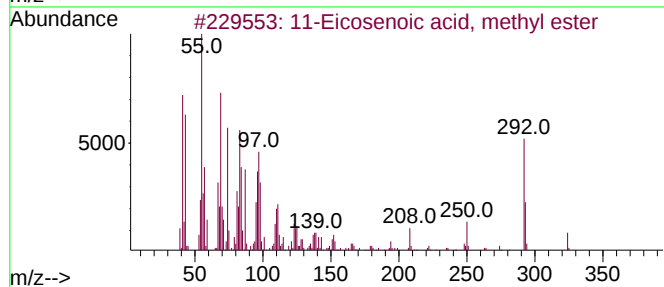
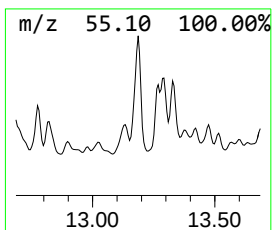
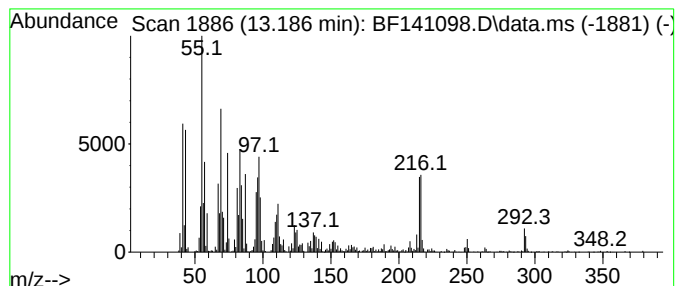
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11-Eicosenoic acid, methyl ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.186	16.65 ng	931607	Chrysene-d12	13.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	99
3	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	89
4	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	81
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
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Misc :
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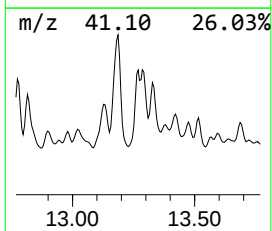
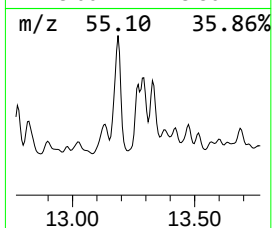
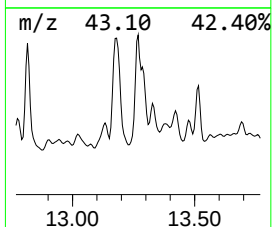
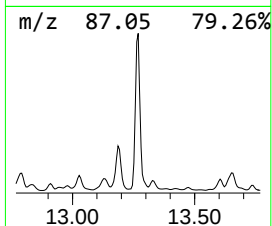
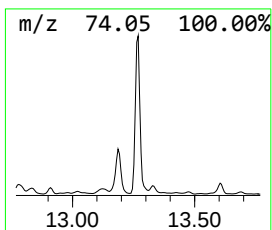
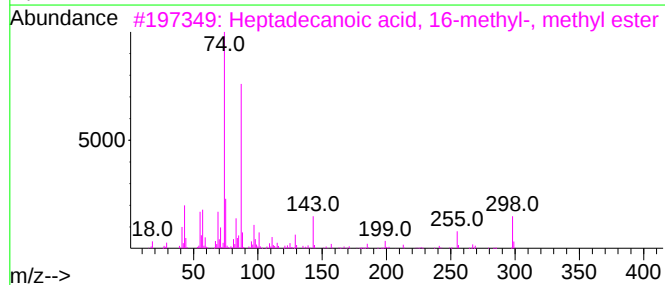
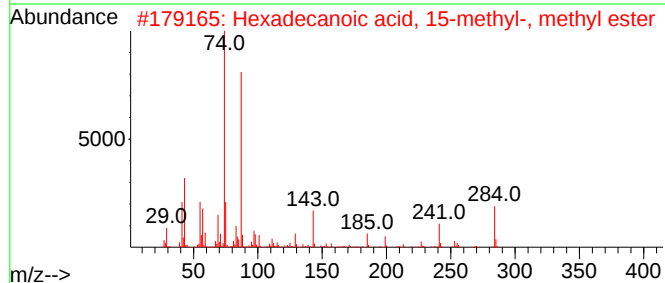
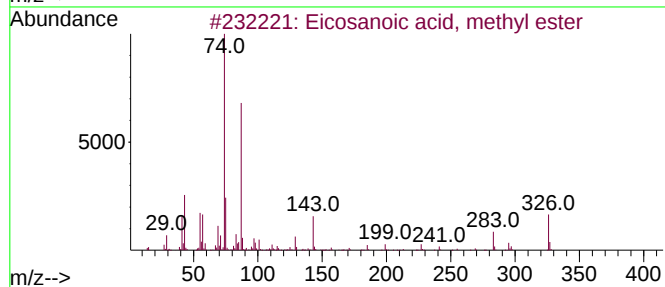
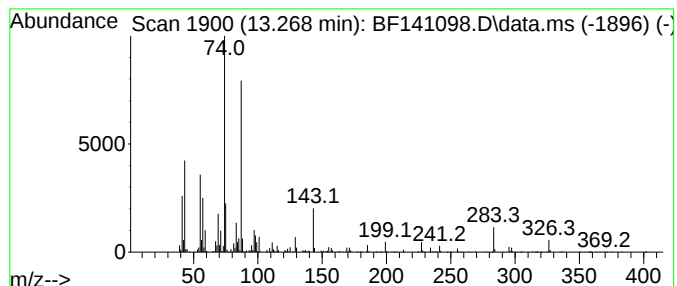
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BNA_F
ClientSampleId :
EO-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.269	7.99 ng	446965	Chrysene-d12	13.986	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	91
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-010725

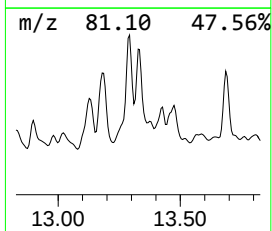
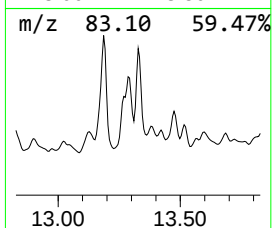
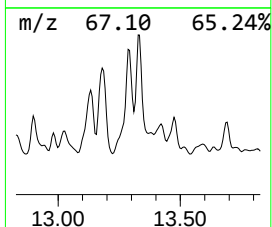
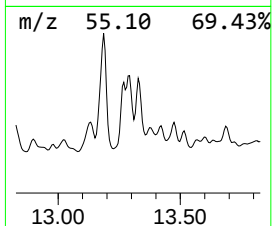
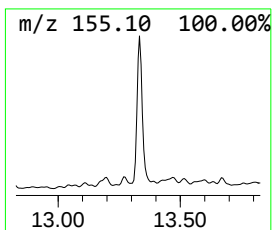
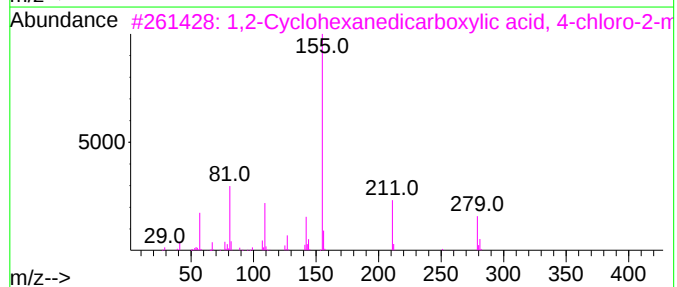
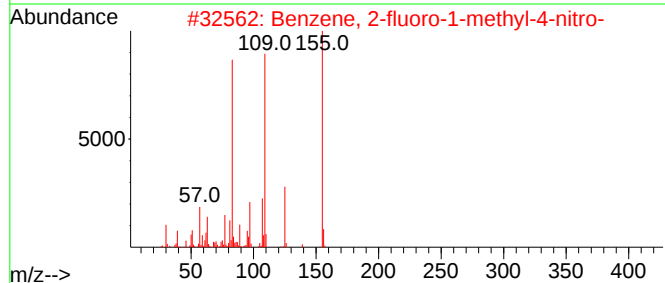
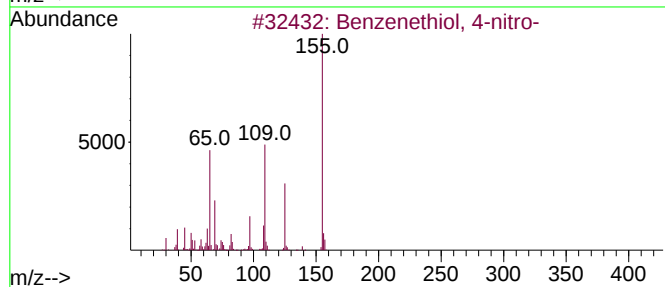
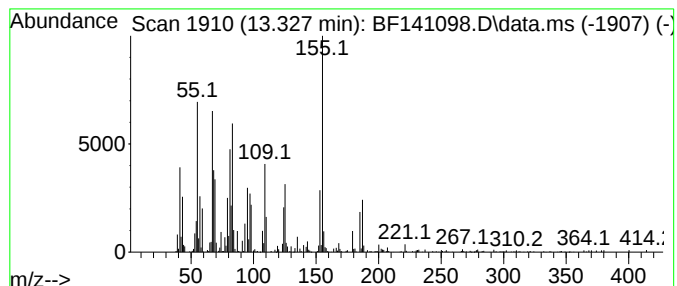
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.327 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	7.61 ng	425700	Chrysene-d12	13.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenethiol, 4-nitro-	155	C6H5NO2S	001849-36-1	47
2			Benzene, 2-fluoro-1-methyl-4-nitro-	155	C7H6FN02	001427-07-2	43
3			1,2-Cyclohexanedicarboxylic acid...	352	C19H25ClO4	1000339-79-1	38
4			1,2-Cyclohexanedicarboxylic acid...	318	C19H26O4	1000339-82-9	35
5			1,2-Cyclohexanedicarboxylic acid...	372	C18H22Cl2O4	1000339-84-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

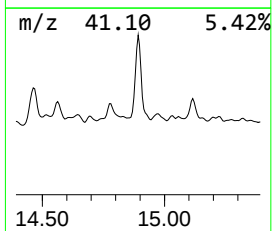
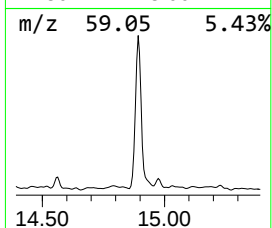
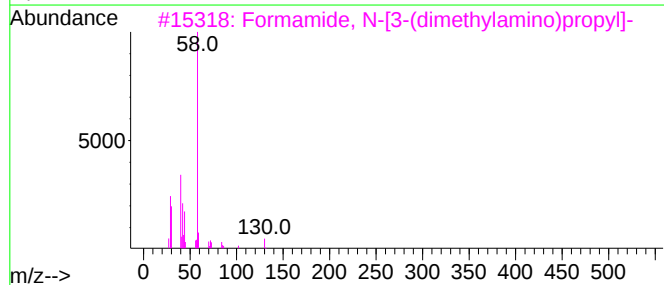
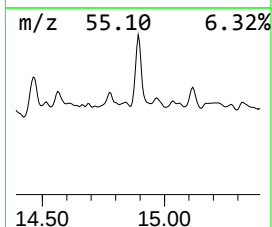
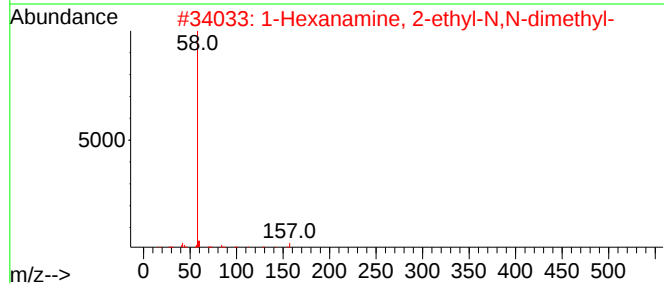
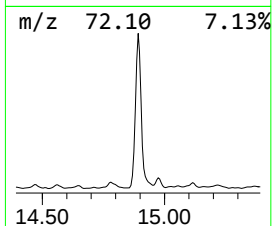
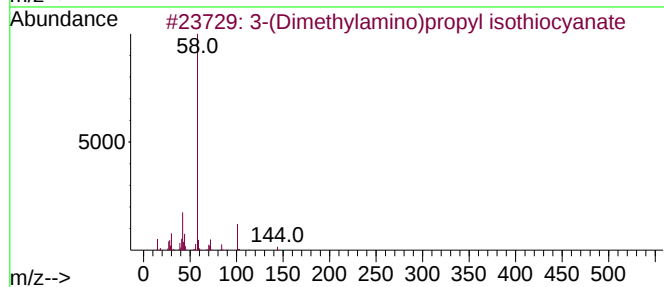
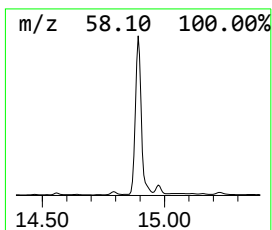
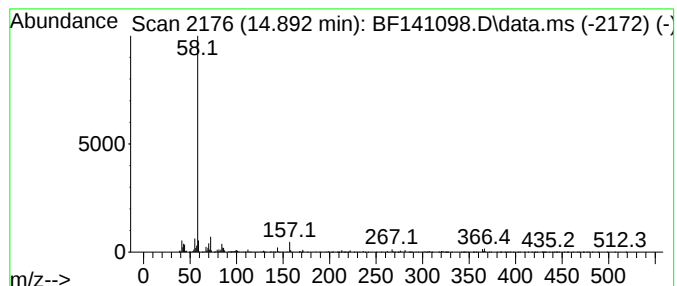
Instrument :
BNA_F
ClientSampleId :
EO-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-(Dimethylamino)propyl iso... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.892	45.96 ng	1028420	Perylene-d12	15.457	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3	Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
4	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
5	2-[(dimethylamino)methyl]cyclope...	141	C8H15NO	006947-99-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141098.D
Acq On : 08 Jan 2025 21:34
Operator : RC/JU
Sample : Q1027-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-010725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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	8.698	7.1	ng	776422	2	8.110	2197740	20.0
Tetradecane	9.263	14.3	ng	865180	3	9.863	1209170	20.0
Decane, 5-propyl-	9.586	7.5	ng	450701	3	9.863	1209170	20.0
Pentadecane	9.792	11.1	ng	670790	3	9.863	1209170	20.0
Heptadecane	10.292	9.9	ng	599858	3	9.863	1209170	20.0
Pentadecane, 2,...	10.516	5.1	ng	309103	3	9.863	1209170	20.0
Nonadecane	10.769	14.1	ng	819067	4	11.345	1165280	20.0
Methyl tetradec...	10.874	7.1	ng	413789	4	11.345	1165280	20.0
Heptacosane	11.216	8.8	ng	511916	4	11.345	1165280	20.0
9-Hexadecenoic ...	11.669	25.6	ng	1491520	4	11.345	1165280	20.0
Hexadecanoic ac...	11.751	192.0	ng	11184100	4	11.345	1165280	20.0
n-Hexadecanoic ...	11.880	23.0	ng	1339830	4	11.345	1165280	20.0
Eicosane	12.057	10.4	ng	605916	4	11.345	1165280	20.0
9,12-Octadecadi...	12.451	418.5	ng	24385800	4	11.345	1165280	20.0
Octadecanoic acid	12.669	16.2	ng	905295	5	13.986	1118950	20.0
Methyl 9.cis.,1...	13.127	7.4	ng	413239	5	13.986	1118950	20.0
11-Eicosenoic a...	13.186	16.6	ng	931607	5	13.986	1118950	20.0
Eicosanoic acid...	13.269	8.0	ng	446965	5	13.986	1118950	20.0
unknown13.327	13.327	7.6	ng	425700	5	13.986	1118950	20.0
3-(Dimethylamin...	14.892	46.0	ng	1028420	6	15.457	447498	20.0