

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141976.D
 Acq On : 17 Mar 2025 11:12
 Operator : RC/JU
 Sample : Q1549-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

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-BF031025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141976.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	4	12	21	rBV	1018160	1628404	49.63%	5.225%
2	5.104	499	512	524	rVB2	31052	62299	1.90%	0.200%
3	5.492	572	578	597	rBV	1965742	2684658	81.82%	8.615%
4	6.163	683	692	705	rVB	59632	77652	2.37%	0.249%
5	6.334	715	721	726	rBV	99824	125648	3.83%	0.403%
6	6.498	743	749	760	rBV	1934775	2627454	80.08%	8.431%
7	6.881	808	814	819	rBV	717491	895546	27.29%	2.874%
8	6.992	829	833	837	rBV	24307	33819	1.03%	0.109%
9	7.439	903	909	914	rBV	1334653	1755809	53.51%	5.634%
10	7.692	947	952	964	rVB	38080	53954	1.64%	0.173%
11	8.157	1026	1031	1049	rVV	840018	1092874	33.31%	3.507%
12	8.733	1124	1129	1135	rVB	29747	39369	1.20%	0.126%
13	9.233	1208	1214	1224	rBV	2628930	3281056	100.00%	10.529%
14	9.533	1260	1265	1270	rBV	44991	77455	2.36%	0.249%
15	9.910	1324	1329	1343	rVB	831170	1083760	33.03%	3.478%
16	10.622	1445	1450	1457	rBV	165406	215113	6.56%	0.690%
17	10.698	1458	1463	1478	rVV	1287382	1639425	49.97%	5.261%
18	10.822	1479	1484	1489	rVB2	19276	34611	1.05%	0.111%
19	11.198	1544	1548	1554	rBV	48444	67061	2.04%	0.215%
20	11.398	1577	1582	1590	rBV2	664263	962752	29.34%	3.089%
21	11.627	1615	1621	1627	rBV	30256	61214	1.87%	0.196%
22	11.921	1663	1671	1682	rBV3	446691	742153	22.62%	2.382%
23	12.010	1682	1686	1694	rVV3	52994	127575	3.89%	0.409%
24	12.098	1697	1701	1710	rVV4	34874	91901	2.80%	0.295%
25	12.174	1711	1714	1718	rVV4	24233	48420	1.48%	0.155%
26	12.216	1719	1721	1728	rVB2	29037	36982	1.13%	0.119%
27	12.451	1757	1761	1762	rBV	32461	40626	1.24%	0.130%
28	12.474	1762	1765	1772	rVB3	63985	91814	2.80%	0.295%
29	12.610	1783	1788	1792	rBV	220723	297201	9.06%	0.954%
30	12.651	1792	1795	1800	rVB3	38061	48836	1.49%	0.157%
31	12.704	1800	1804	1816	rBV3	136480	225526	6.87%	0.724%
32	12.804	1817	1821	1823	rBV	121613	157562	4.80%	0.506%
33	12.839	1823	1827	1832	rVB	188315	267499	8.15%	0.858%
34	12.980	1846	1851	1859	rVB	1836486	2351578	71.67%	7.546%
35	13.057	1860	1864	1871	rBV4	25078	51633	1.57%	0.166%
36	13.163	1876	1882	1886	rVB	33011	65972	2.01%	0.212%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.363	1913	1916	1919	rBV	43180	52150	1.59%	0.167%
38	13.463	1930	1933	1937	rBV2	31464	49026	1.49%	0.157%
39	13.510	1937	1941	1945	rVB	82443	100706	3.07%	0.323%
40	13.674	1966	1969	1974	rVB	37140	48127	1.47%	0.154%
41	13.780	1983	1987	1991	rBV3	35887	65235	1.99%	0.209%
42	13.880	2000	2004	2013	rVB	160581	282467	8.61%	0.906%
43	14.033	2021	2030	2043	rBV3	780835	1540077	46.94%	4.942%
44	14.198	2054	2058	2064	rVB4	68681	109873	3.35%	0.353%
45	14.457	2099	2102	2105	rBV2	70600	97621	2.98%	0.313%
46	14.504	2106	2110	2125	rVB3	178973	402656	12.27%	1.292%
47	14.662	2133	2137	2144	rBV	109186	154309	4.70%	0.495%
48	14.810	2157	2162	2167	rBV	213104	312998	9.54%	1.004%
49	14.892	2172	2176	2183	rBV4	92119	173007	5.27%	0.555%
50	15.074	2202	2207	2215	rBV	223509	506573	15.44%	1.626%
51	15.157	2216	2221	2224	rBV	277762	441573	13.46%	1.417%
52	15.380	2255	2259	2265	rVB	165170	259323	7.90%	0.832%
53	15.445	2265	2270	2275	rVB	150967	228044	6.95%	0.732%
54	15.509	2276	2281	2285	rBV	685398	1172083	35.72%	3.761%
55	15.986	2357	2362	2367	rBV	265815	435669	13.28%	1.398%
56	16.039	2367	2371	2388	rVB2	122249	327382	9.98%	1.051%
57	16.504	2444	2450	2455	rBV	141712	278442	8.49%	0.894%
58	16.804	2497	2501	2518	rVB3	67996	179468	5.47%	0.576%
59	16.992	2528	2533	2539	rBV2	63496	129517	3.95%	0.416%
60	17.109	2548	2553	2560	rVB	111723	240914	7.34%	0.773%
61	17.439	2604	2609	2620	rVB	69650	163168	4.97%	0.524%
62	17.621	2633	2640	2656	rVB8	71962	267425	8.15%	0.858%

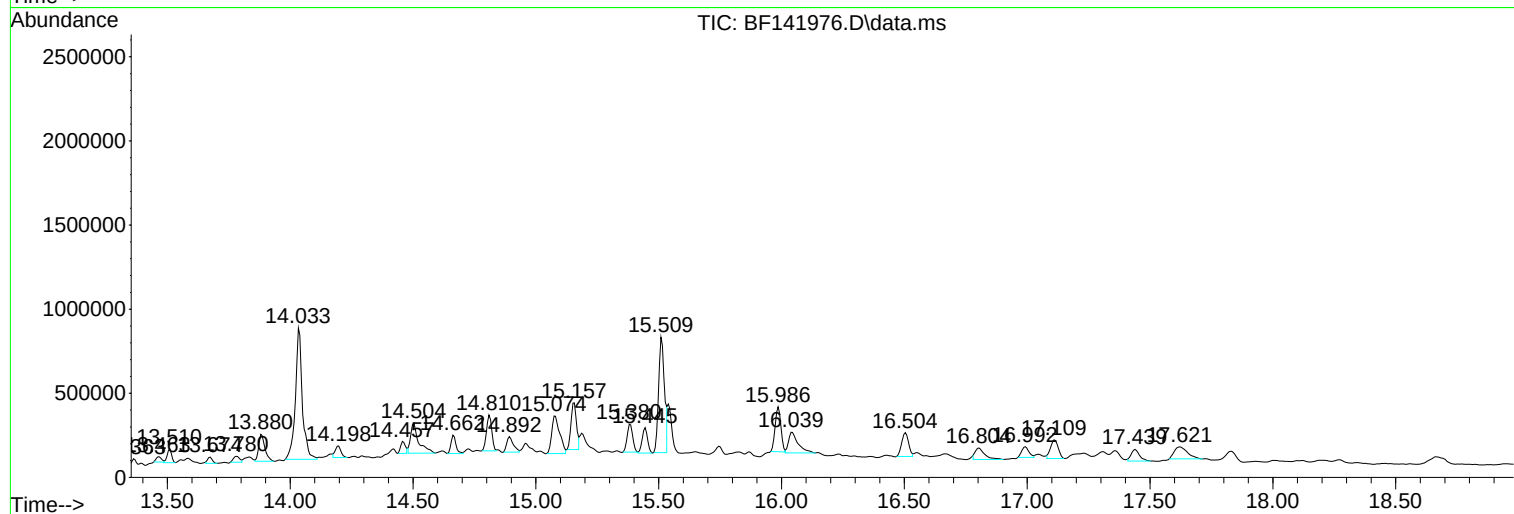
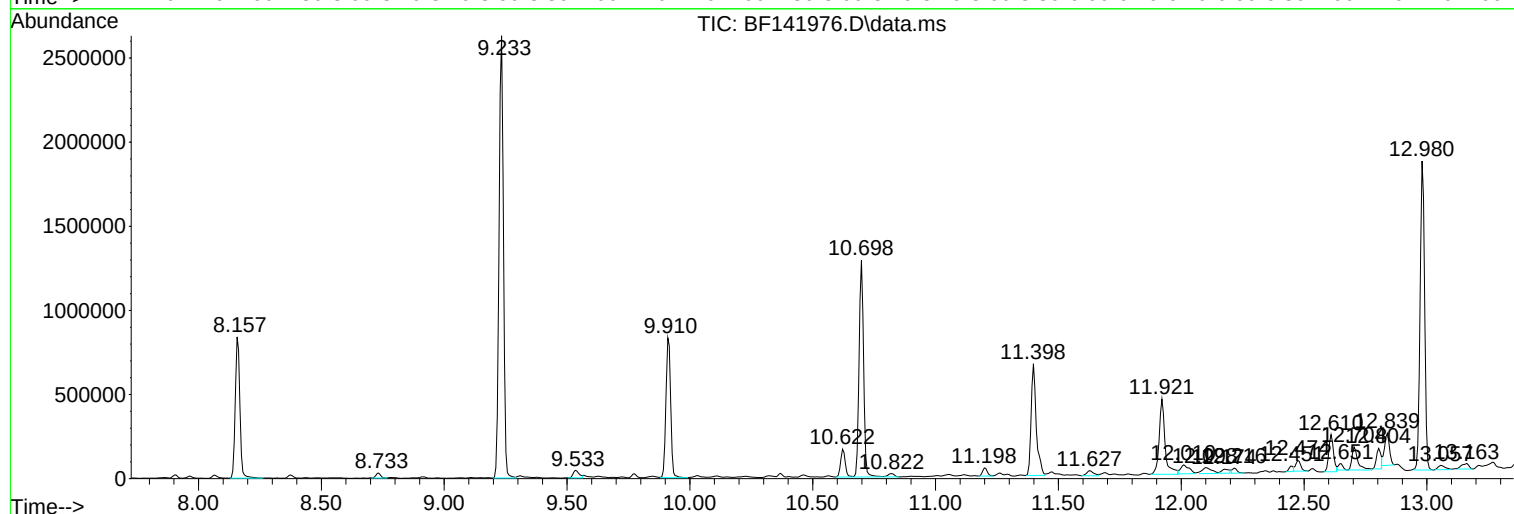
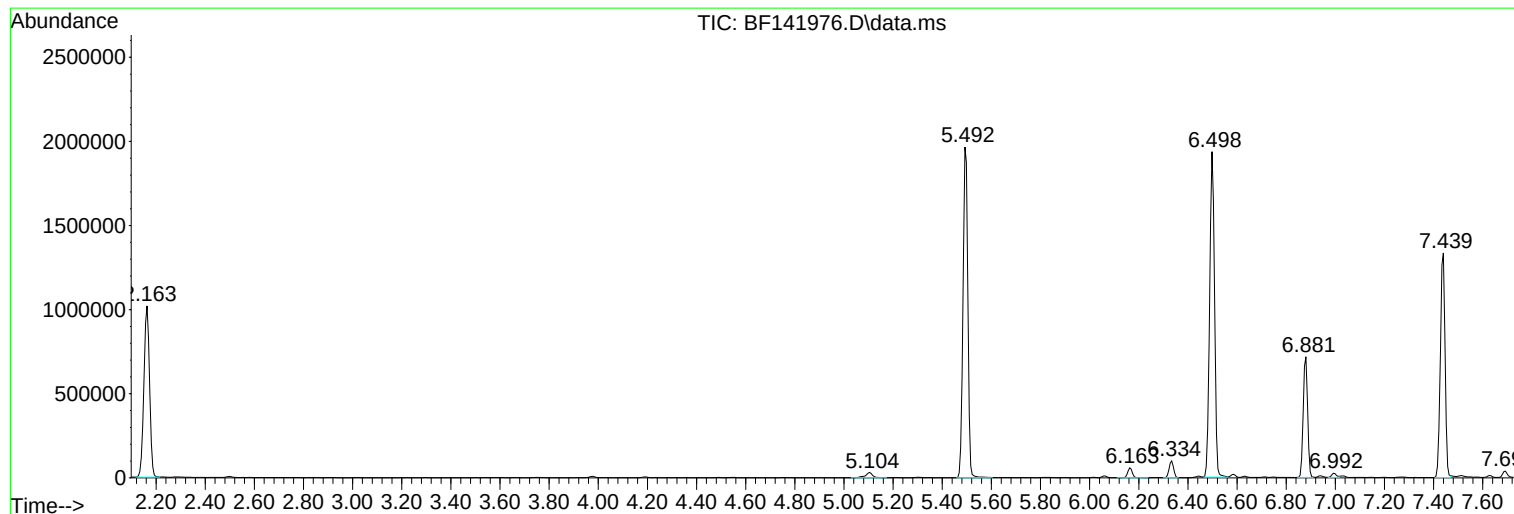
Sum of corrected areas: 31163044

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

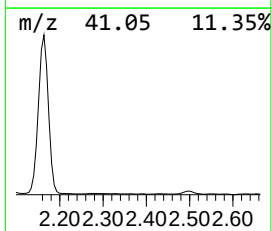
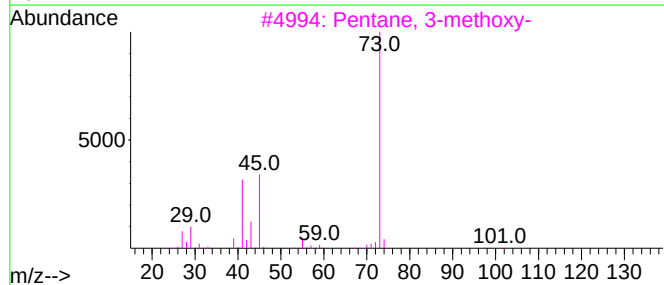
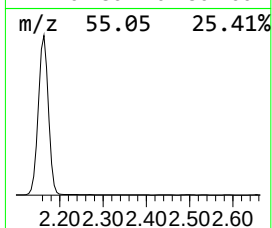
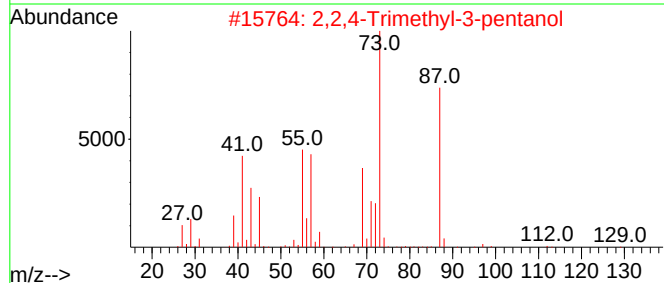
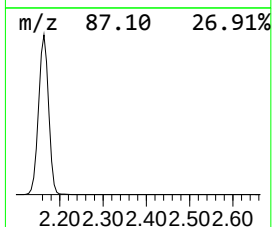
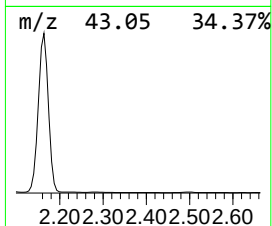
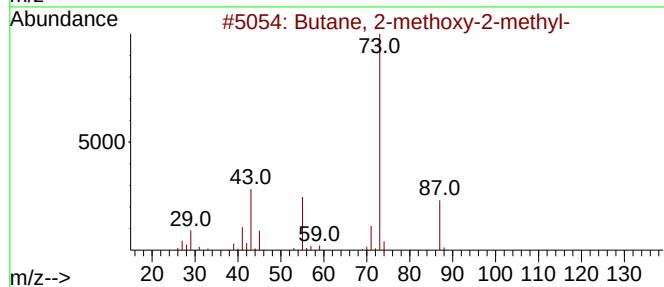
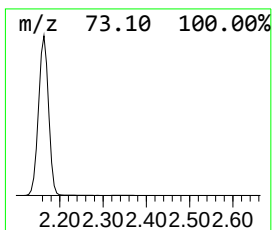
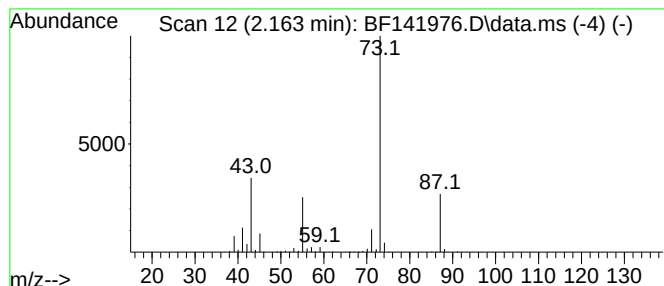
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	36.37 ng	1628400	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

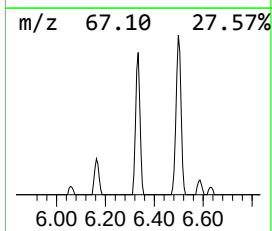
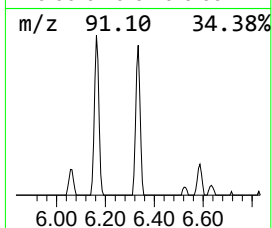
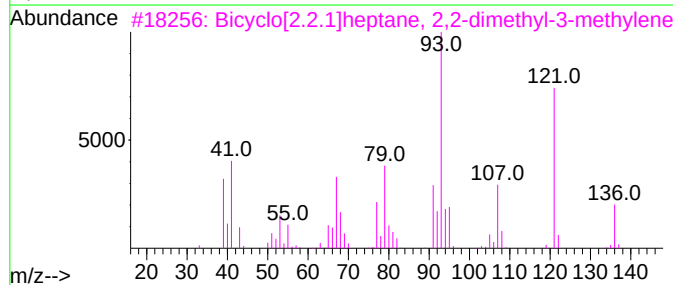
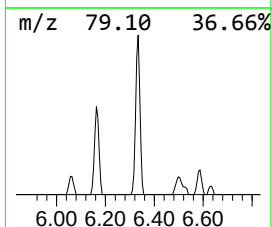
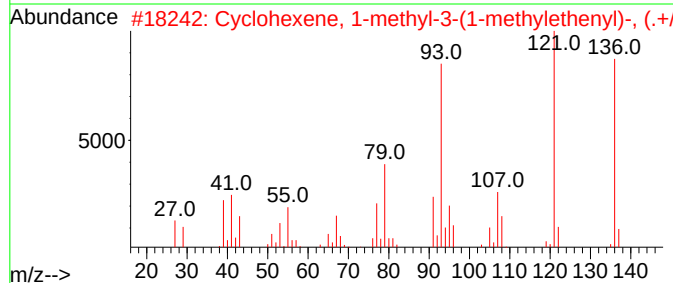
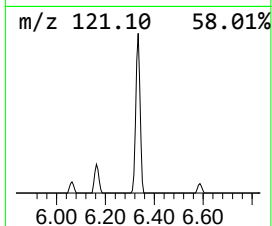
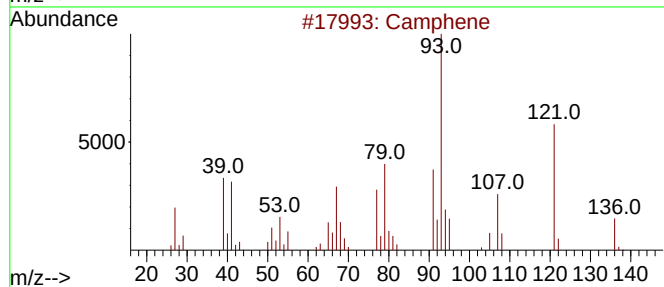
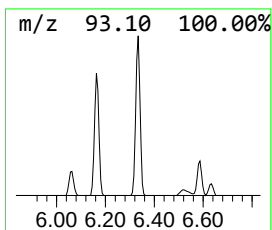
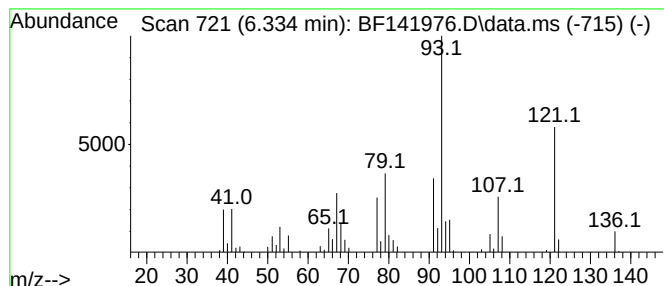
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Camphene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.334	2.81 ng	125648	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	96
2			Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	80
3			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	76
4			(+)-4-Carene	136	C10H16	029050-33-7	74
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

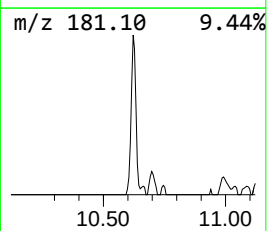
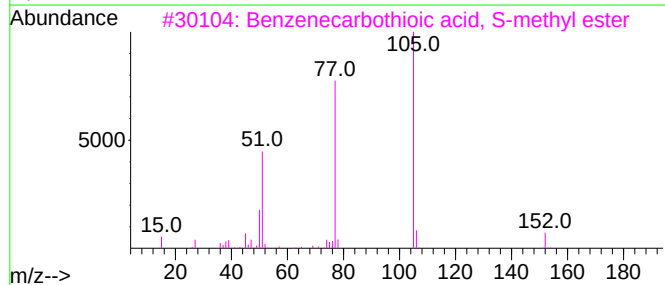
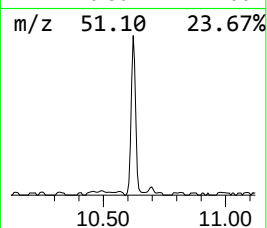
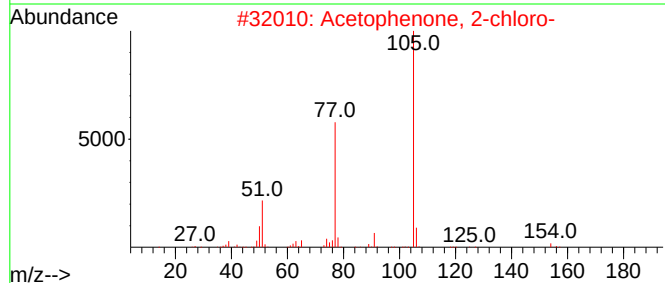
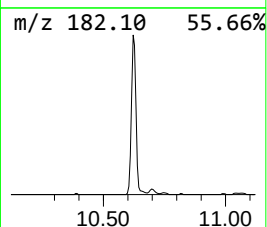
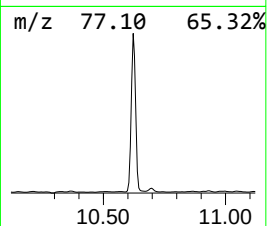
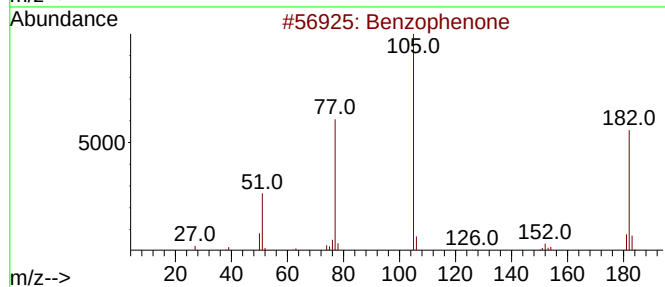
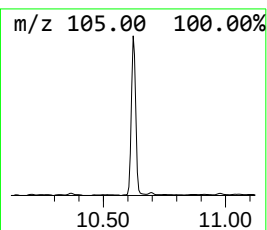
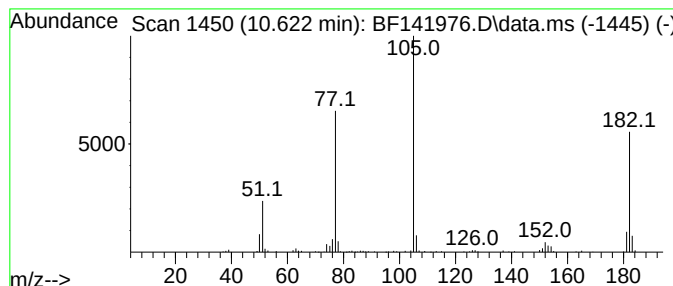
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	3.97 ng	215113	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4			Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

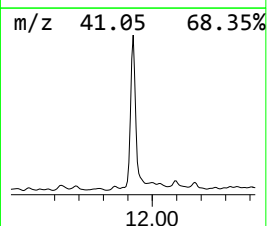
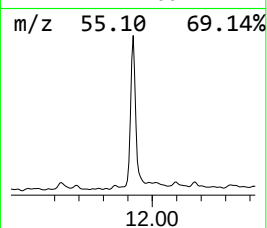
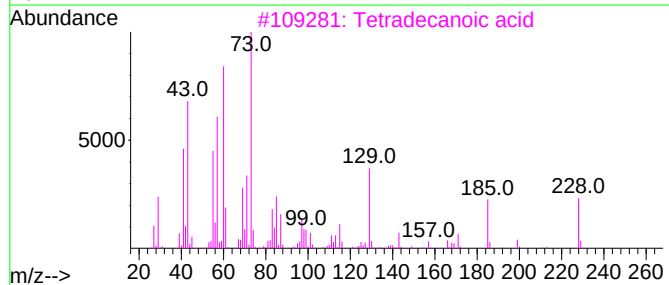
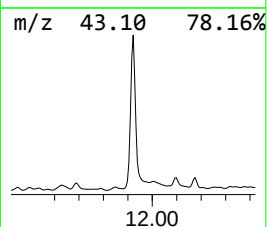
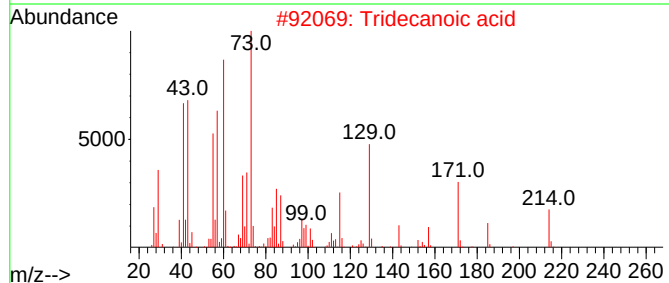
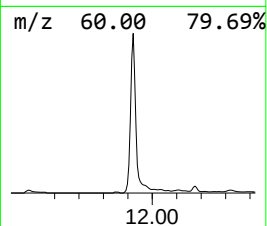
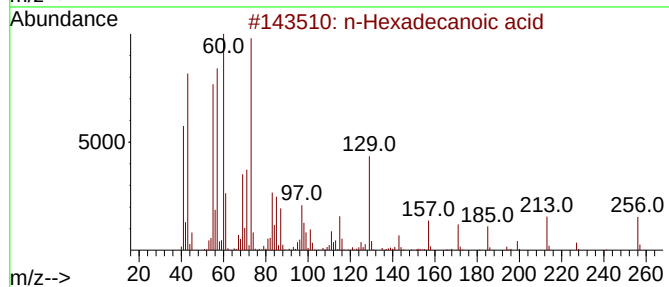
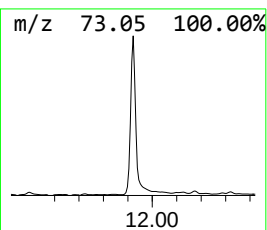
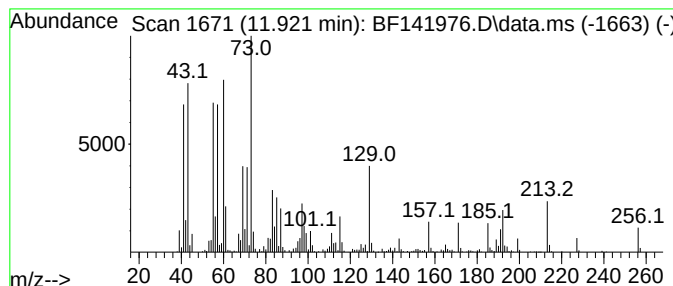
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	15.42 ng	742153	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

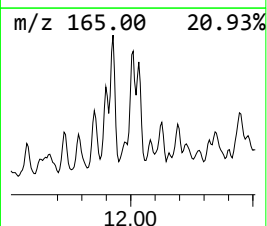
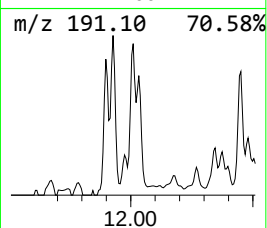
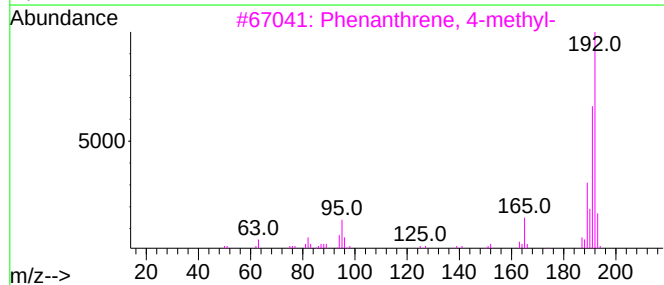
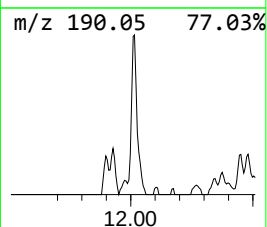
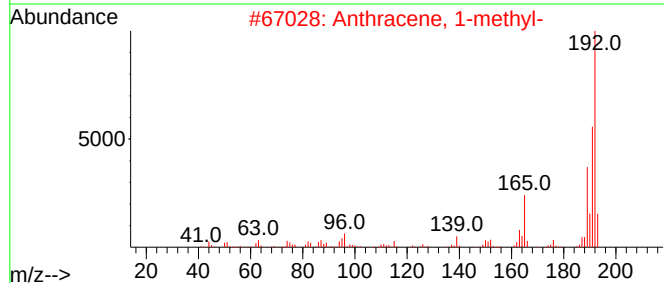
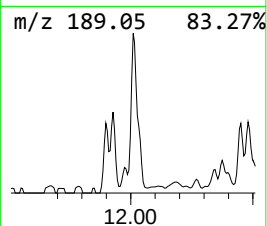
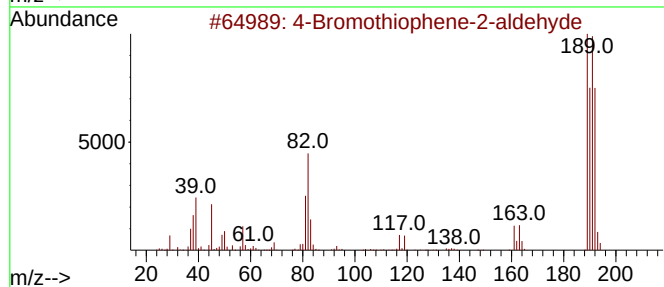
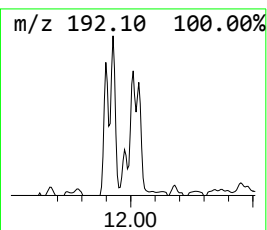
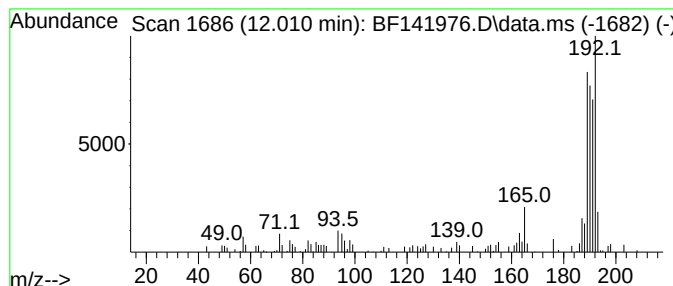
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4-Bromothiophene-2-aldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.65 ng	127575	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

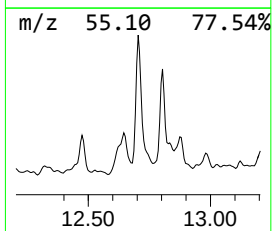
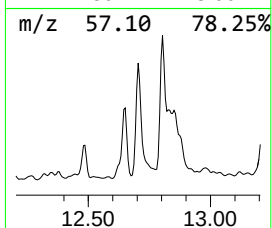
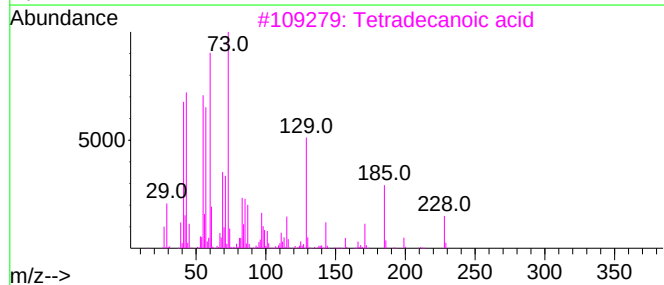
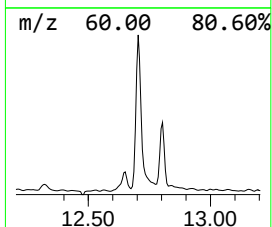
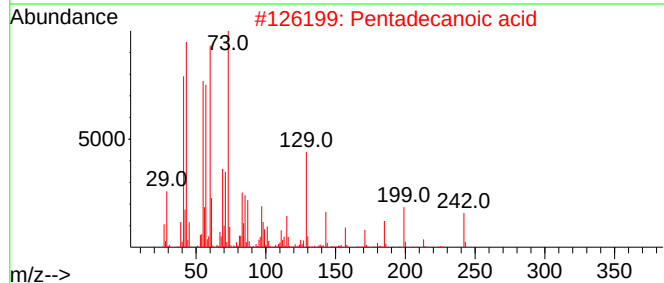
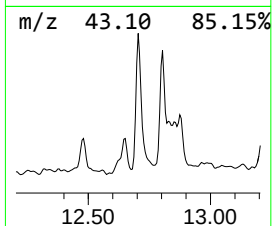
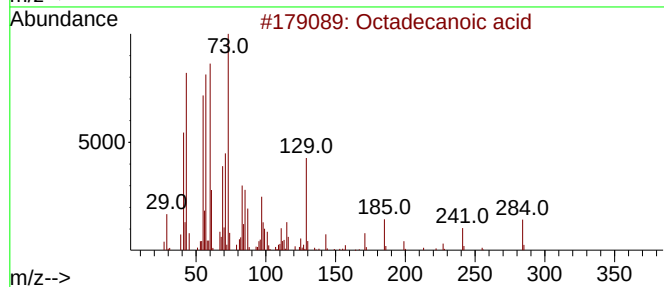
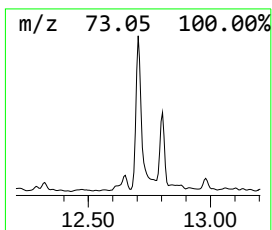
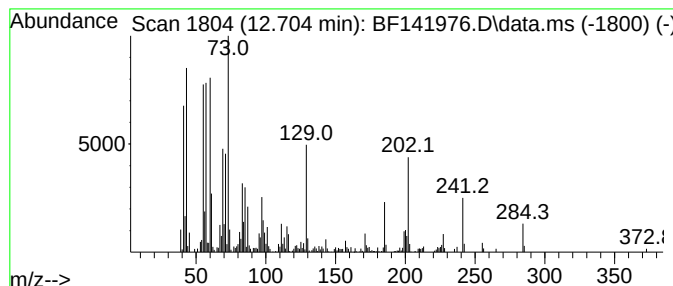
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	4.69 ng	225526	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4			Dodecanoic acid	200	C12H24O2	000143-07-7	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

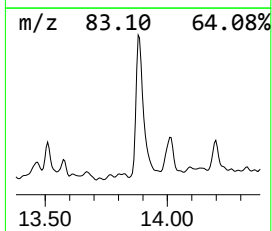
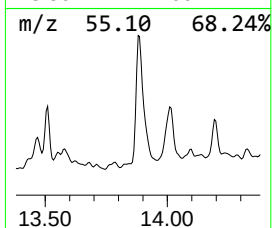
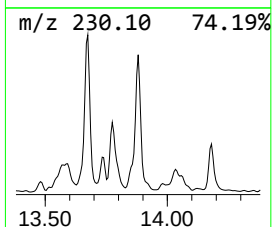
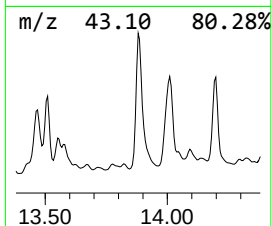
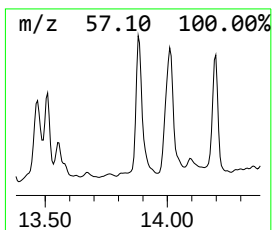
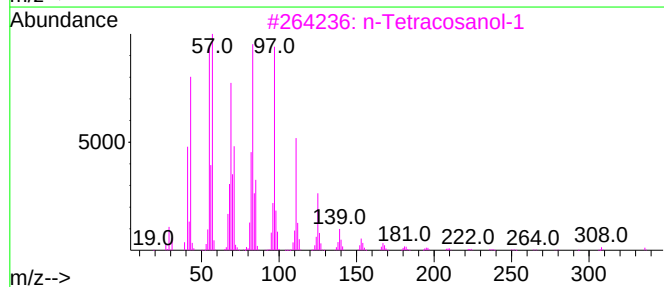
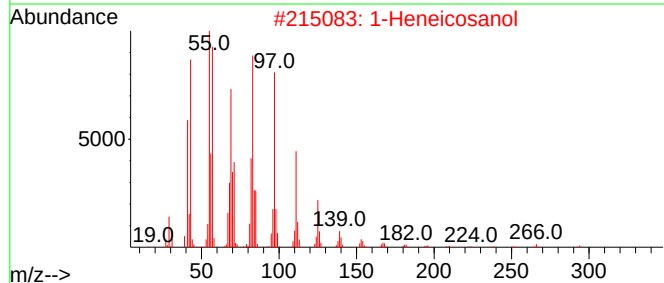
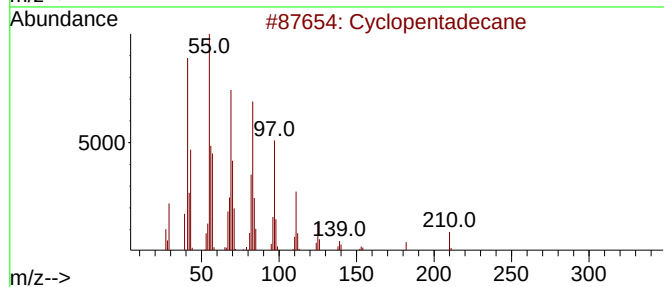
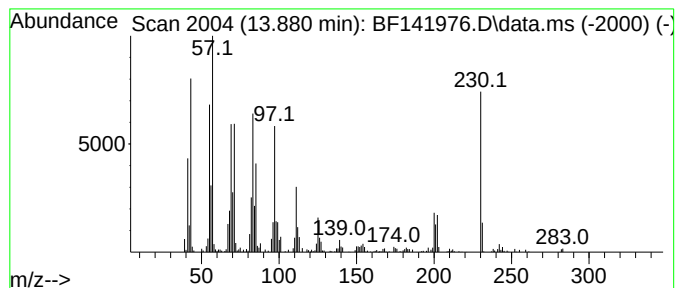
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.67 ng	282467	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	94
2			1-Heneicosanol	312	C21H44O	015594-90-8	83
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	83
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	83
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

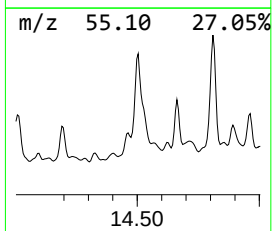
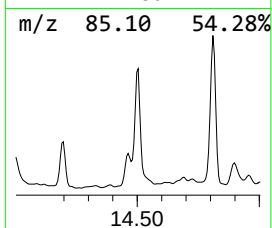
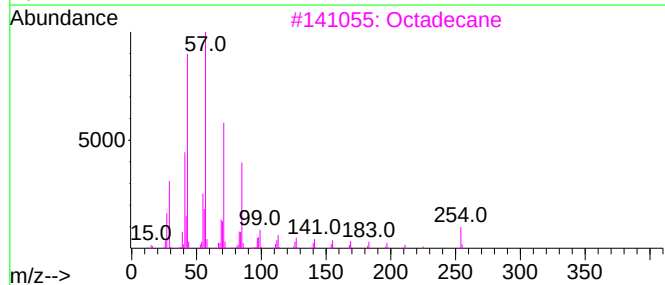
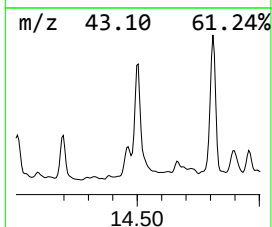
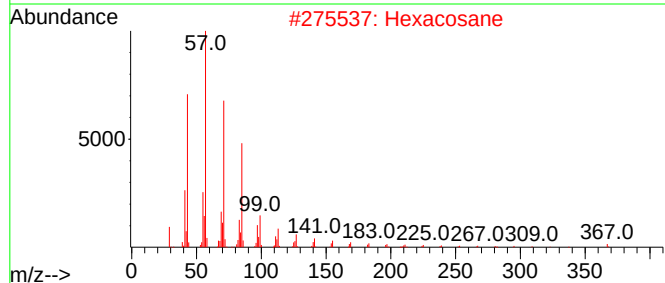
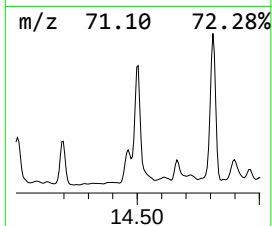
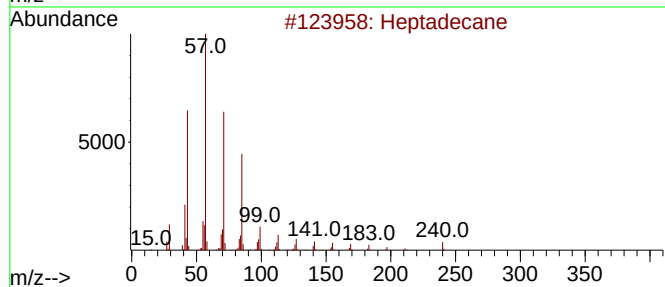
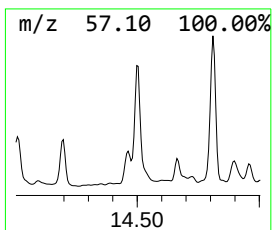
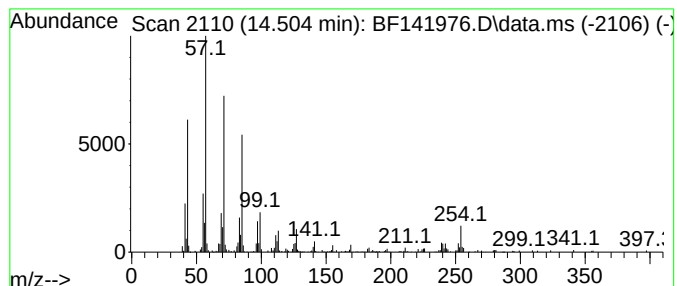
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	5.23 ng	402656	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Hexacosane	366	C26H54	000630-01-3	93
3		Octadecane	254	C18H38	000593-45-3	90
4		Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

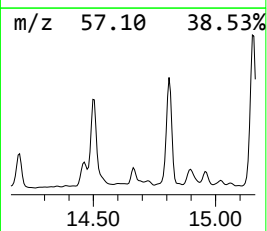
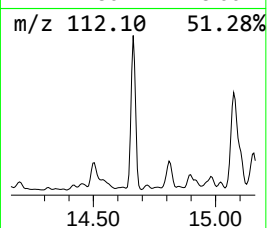
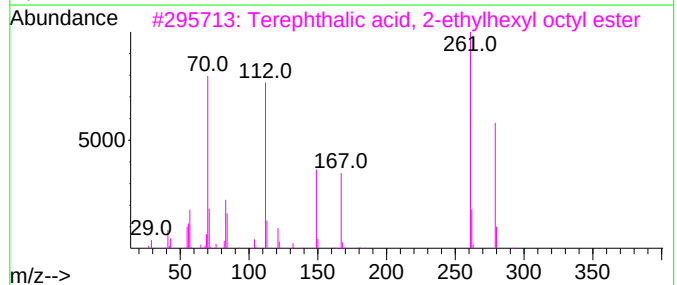
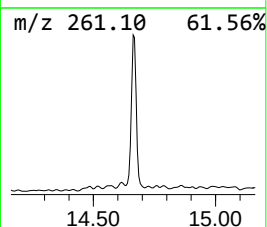
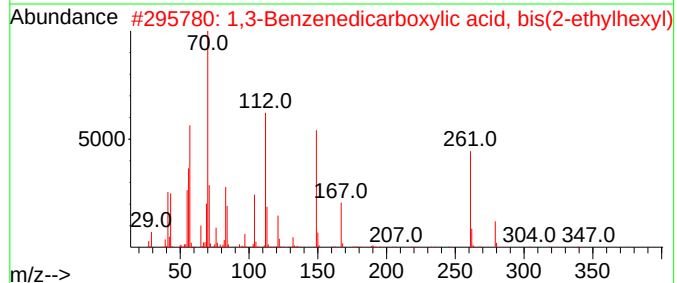
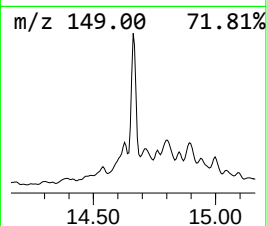
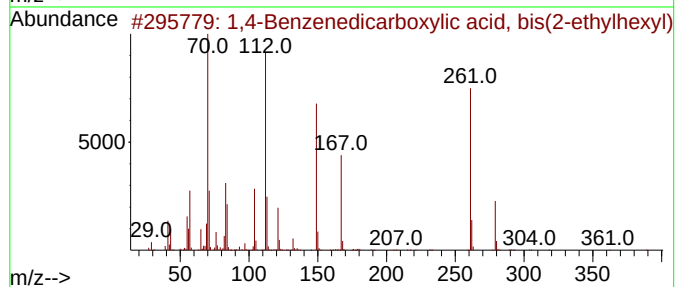
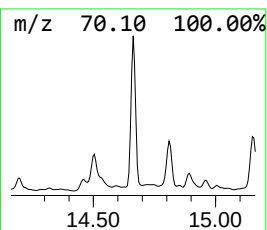
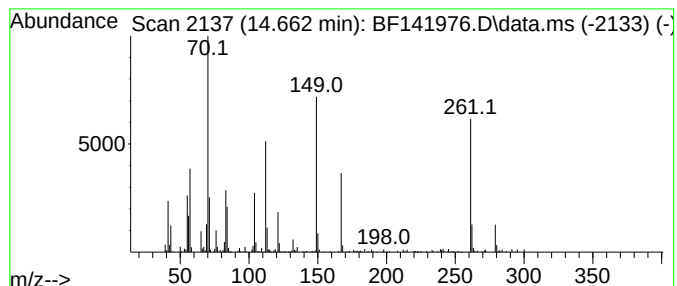
Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,4-Benzenedicarboxylic aci... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.663	2.00 ng	154309	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	74
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	64
3	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	64
4	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
5	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

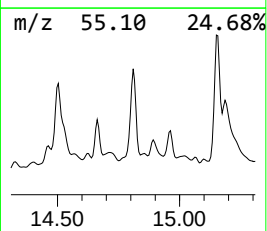
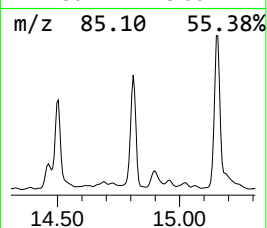
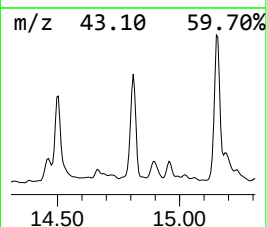
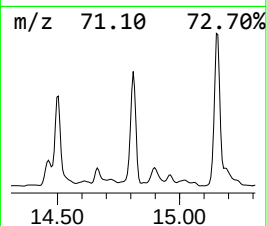
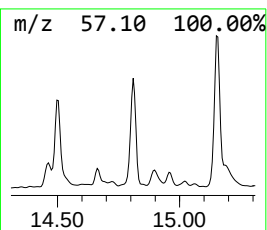
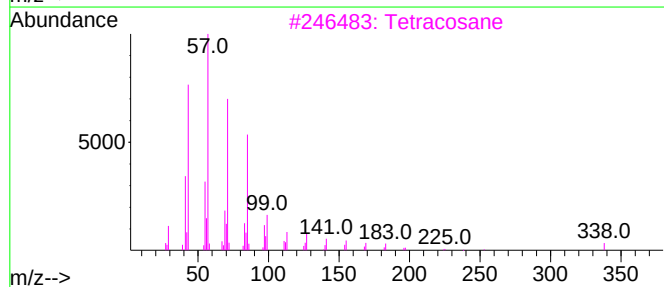
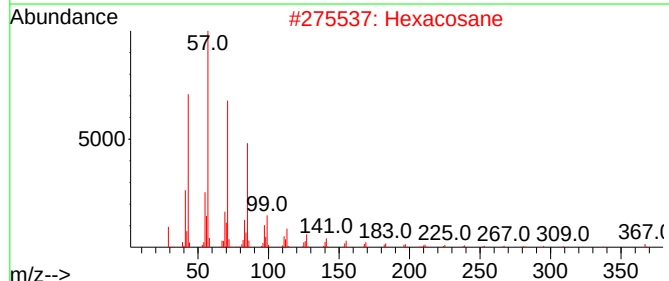
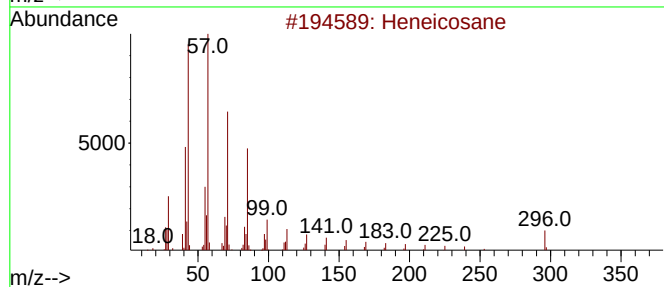
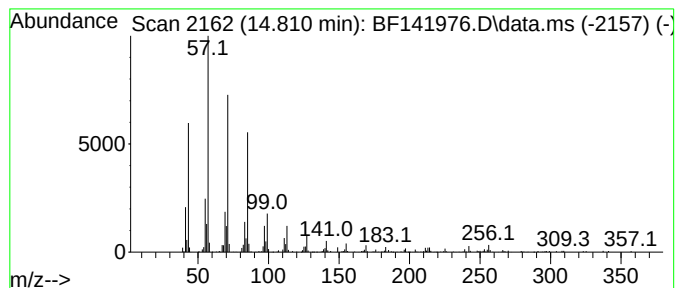
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	5.34 ng	312998	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	94
2			Hexacosane	366	C26H54	000630-01-3	94
3			Tetracosane	338	C24H50	000646-31-1	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

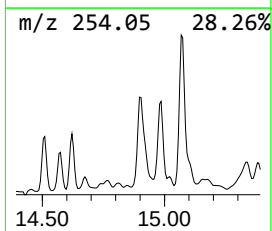
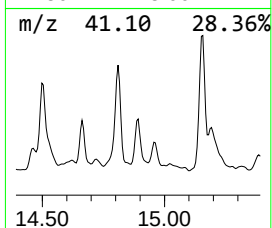
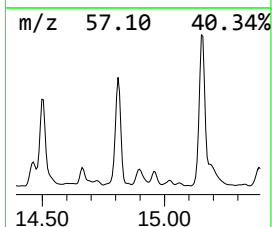
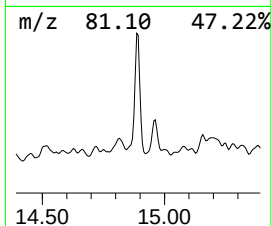
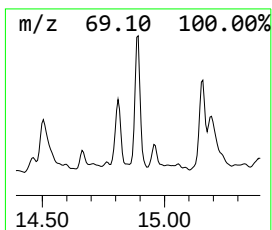
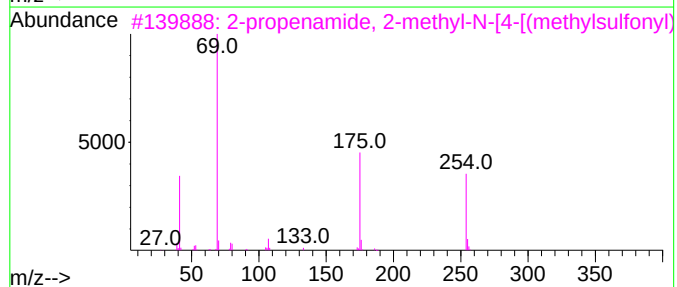
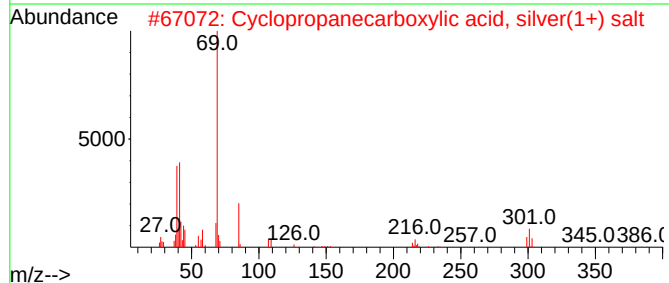
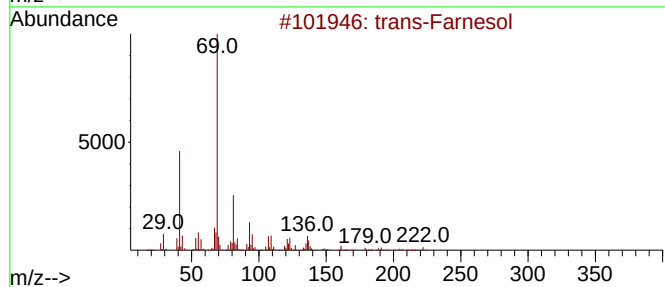
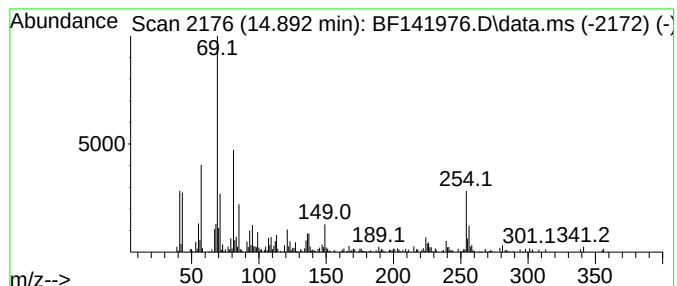
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 trans-Farnesol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	2.95 ng	173007	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Farnesol	222	C15H26O	000106-28-5	50
2			Cyclopropanecarboxylic acid, sil...	192	C4H5AgO2	075112-77-5	38
3			2-propenamide, 2-methyl-N-[4-(m...	254	C11H14N2O3S	1000401-43-5	38
4			Pentanoic acid, 3,7-dimethyl-2,6...	238	C15H26O2	010402-47-8	37
5			8-Chloro-1-octanol, benzyldimeth...	312	C17H29ClOSi	1000375-56-9	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

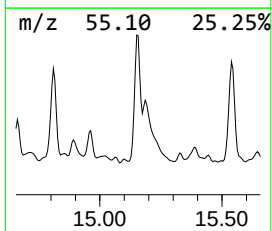
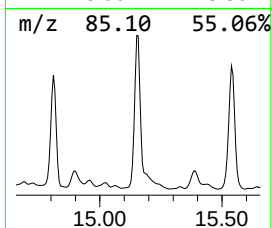
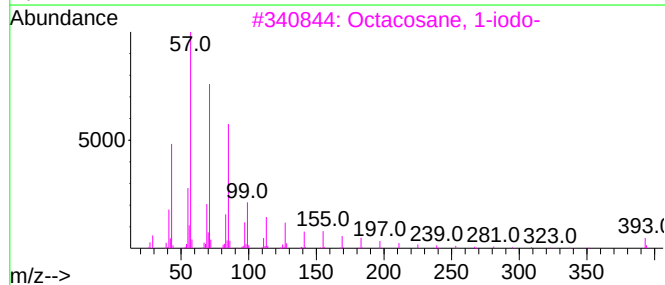
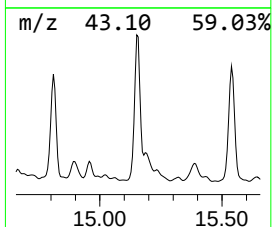
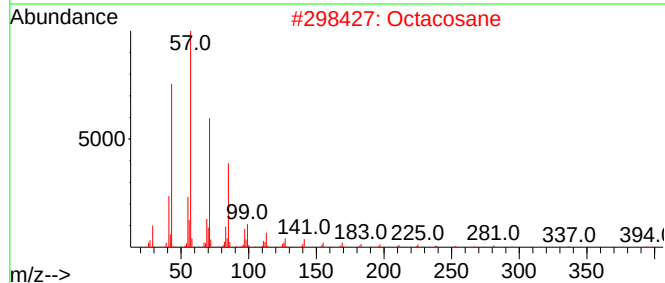
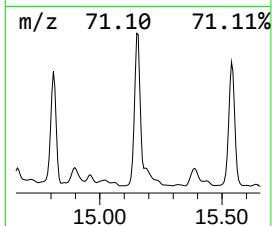
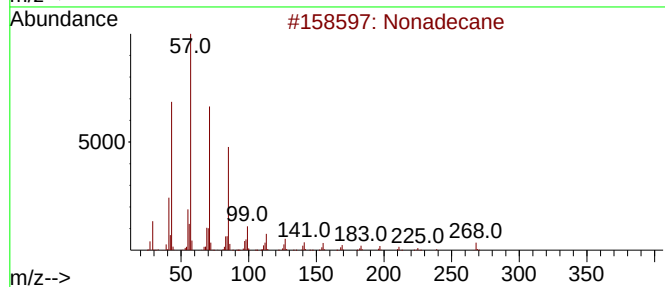
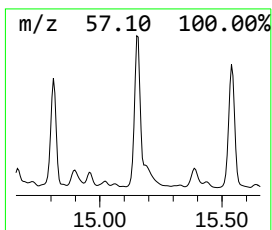
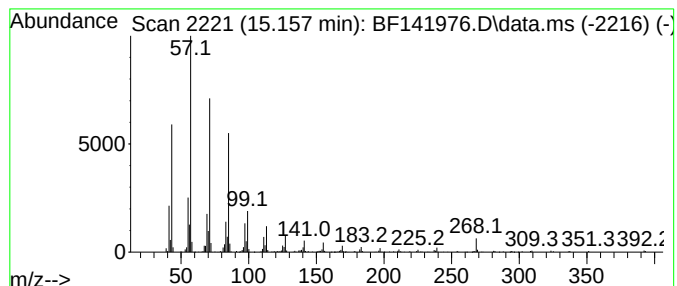
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	7.53 ng	441573	Perylene-d12	15.509

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91
4		Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

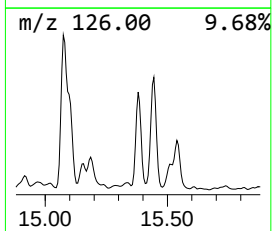
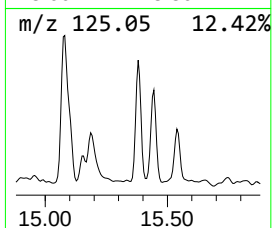
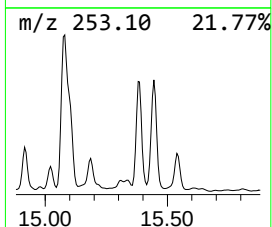
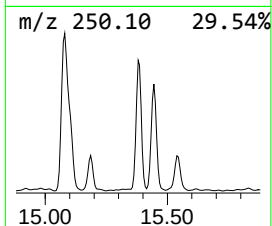
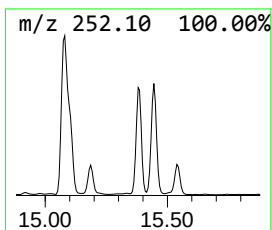
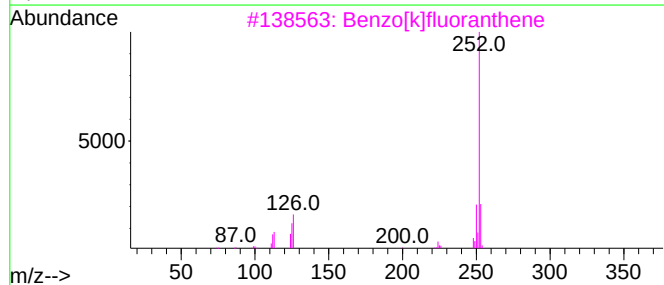
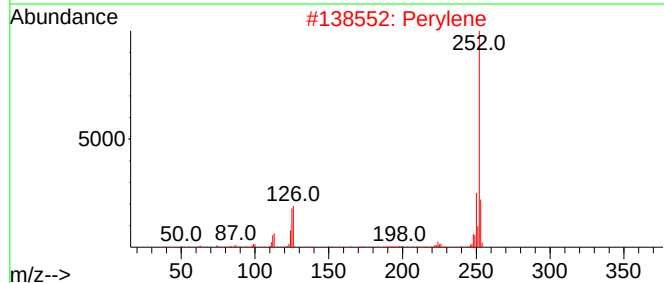
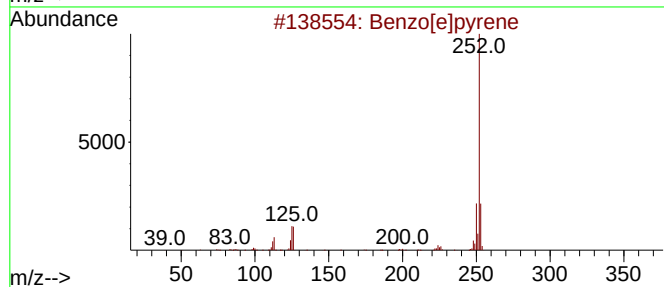
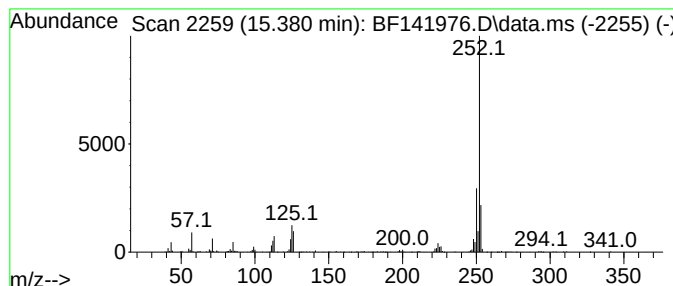
Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.380	4.42 ng	259323	Perylene-d12		15.509	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene		252	C20H12	000192-97-2	96
2	Perylene		252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene		252	C20H12	000207-08-9	94
4	Benzo[a]pyrene		252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene		252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

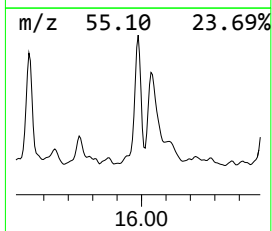
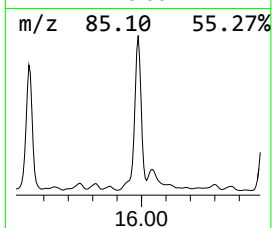
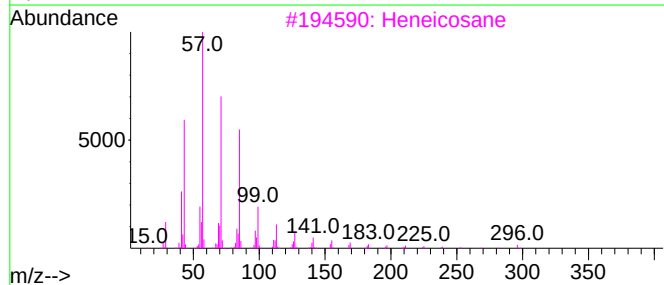
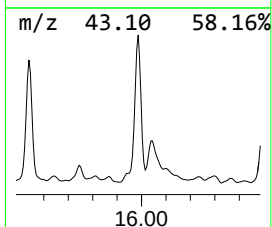
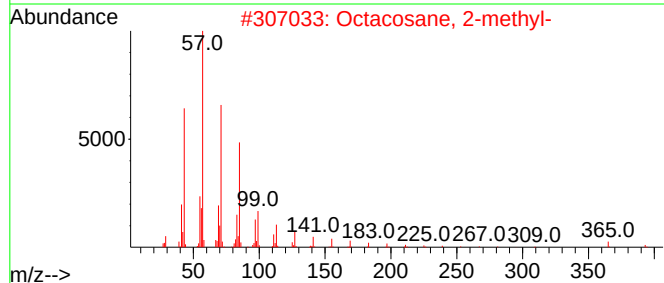
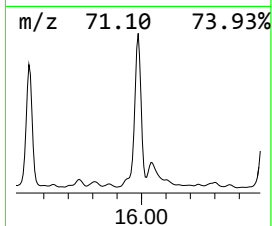
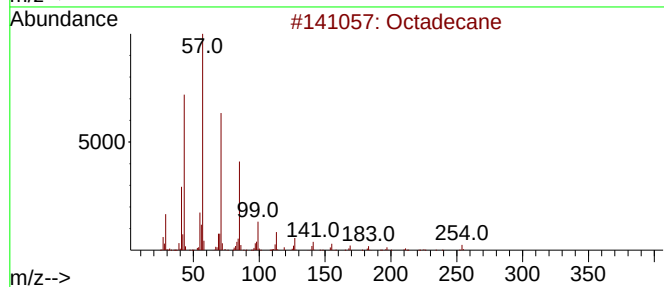
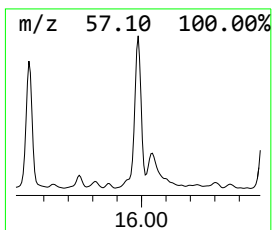
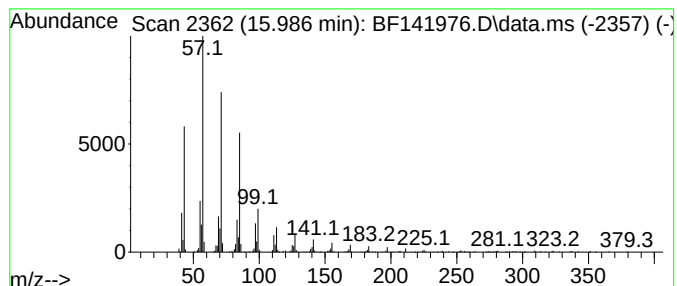
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	7.43 ng	435669	Perylene-d12	15.509

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	91
5		Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

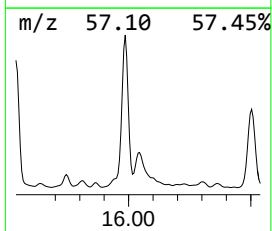
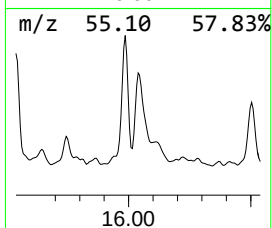
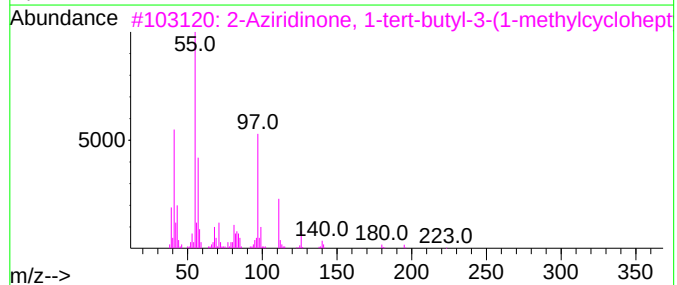
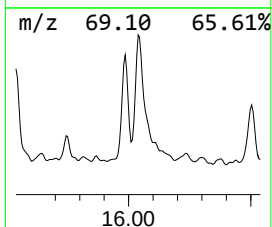
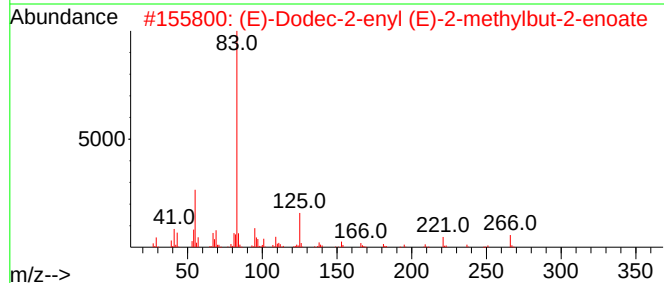
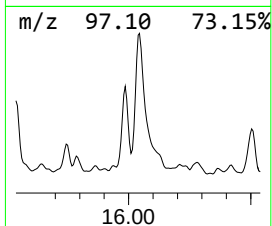
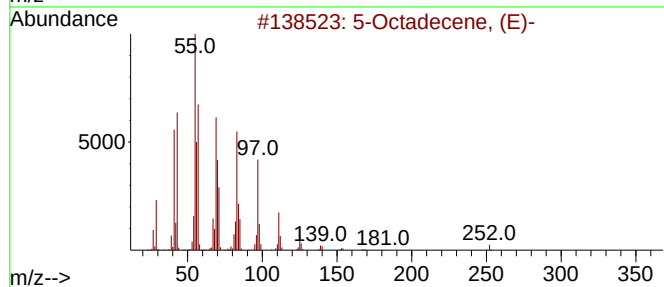
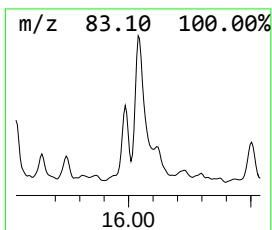
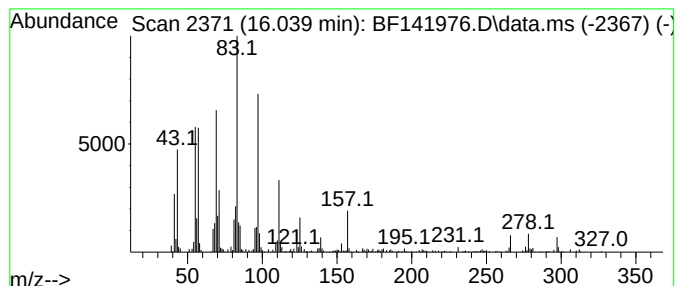
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5-Octadecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	5.59 ng	327382	Perylene-d12	15.509

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36		007206-21-5	81
2	(E)-Dodec-2-enyl (E)-2-methylbut...	266	C17H30O2		1010373-71-6	46
3	2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO		026944-18-3	46
4	3-Eicosene, (E)-	280	C20H40		074685-33-9	41
5	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28		1000149-60-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

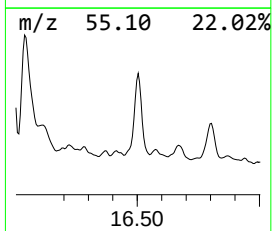
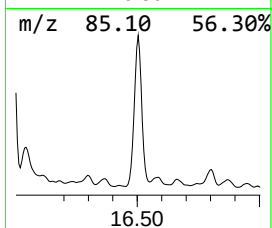
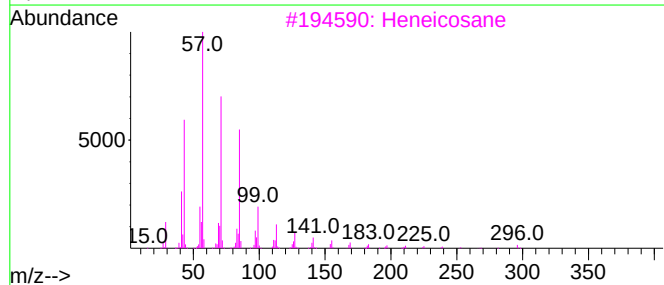
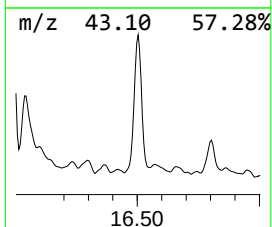
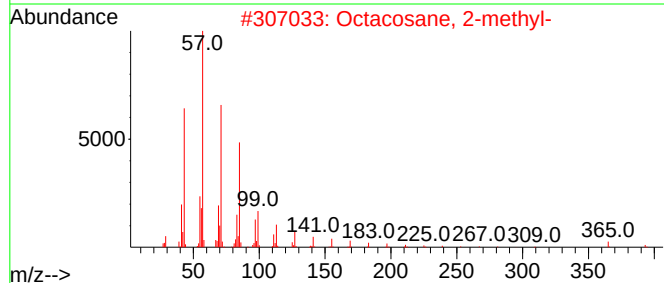
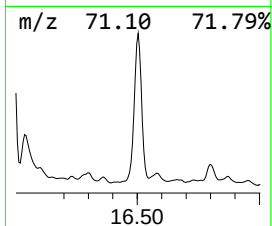
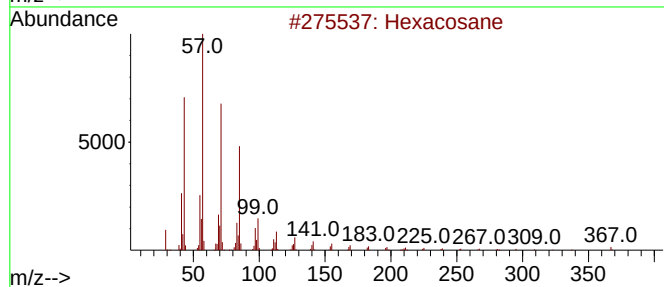
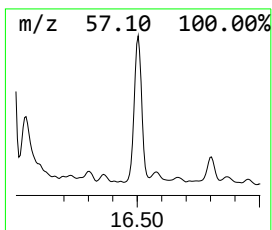
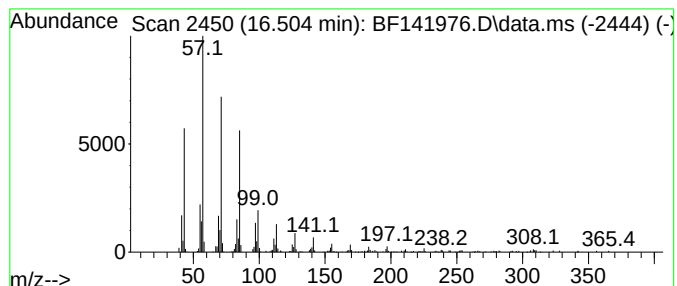
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.504	4.75 ng	278442	Perylene-d12	15.509

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	94
2		Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

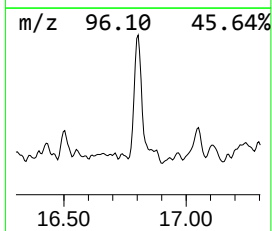
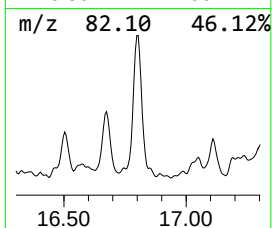
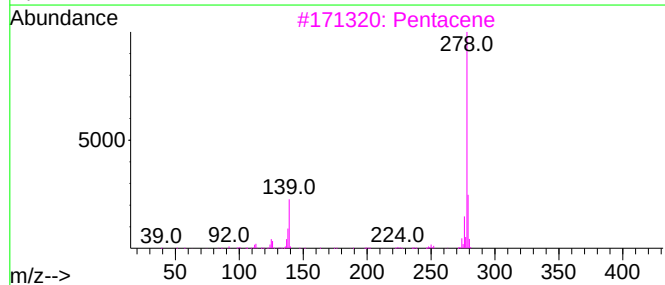
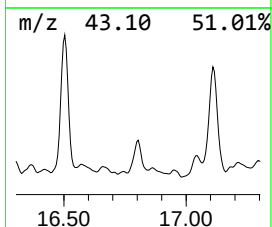
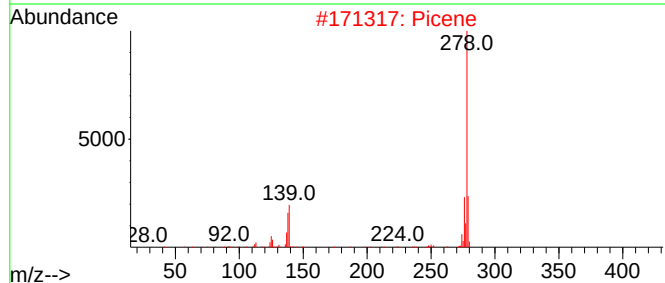
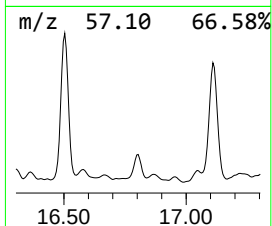
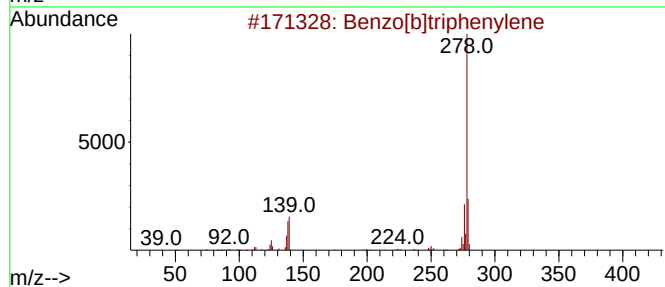
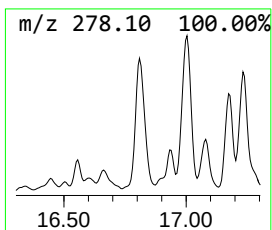
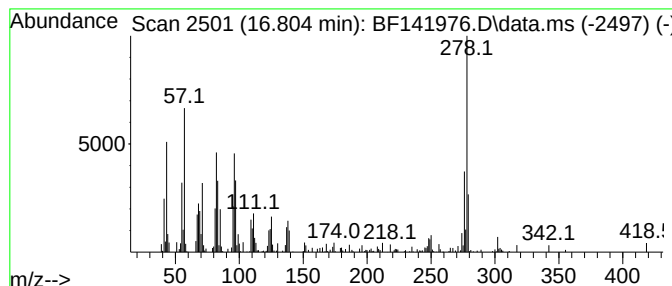
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	3.06 ng	179468	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	50
2			Picene	278	C22H14	000213-46-7	45
3			Pentacene	278	C22H14	000135-48-8	38
4			Benzo[a]naphthacene	278	C22H14	000226-88-0	30
5			Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

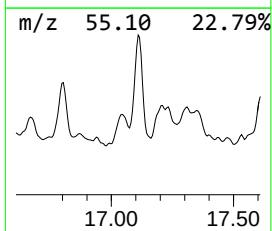
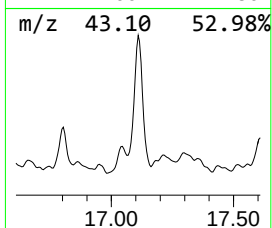
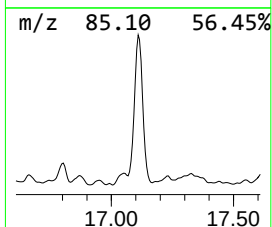
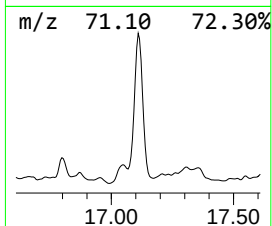
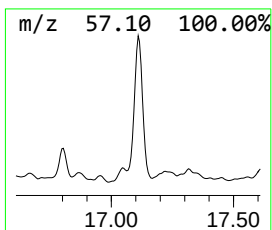
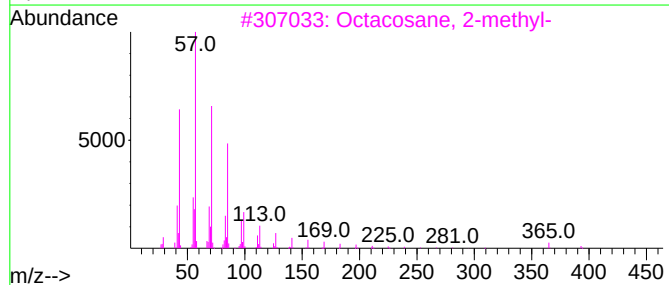
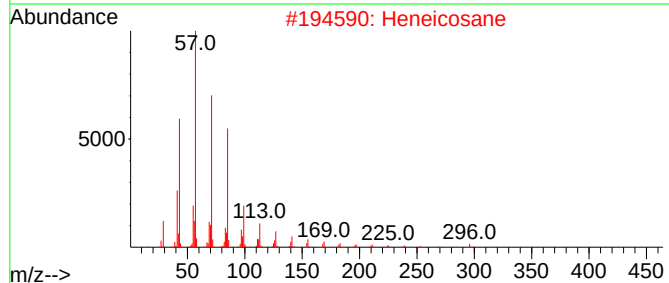
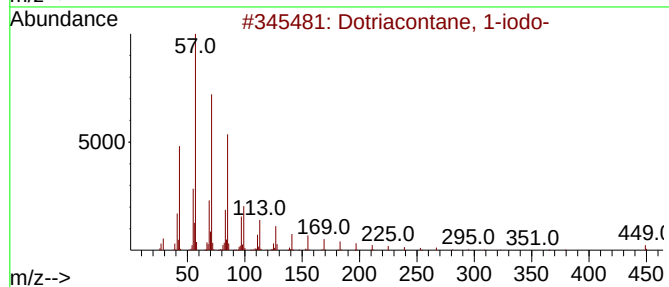
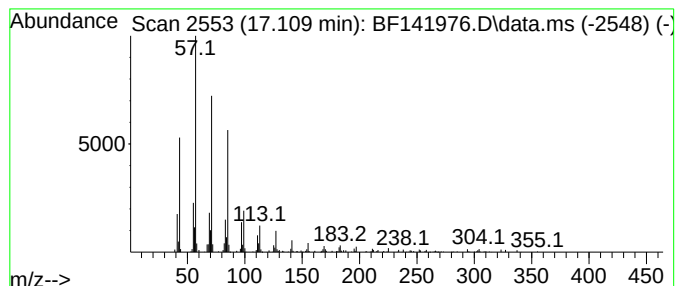
Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dotriacontane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.109	4.11 ng	240914	Perylene-d12	15.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141976.D
Acq On : 17 Mar 2025 11:12
Operator : RC/JU
Sample : Q1549-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

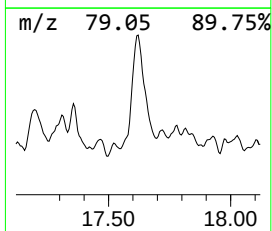
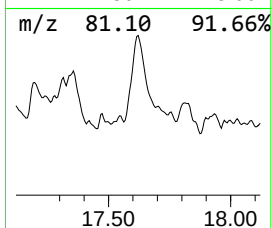
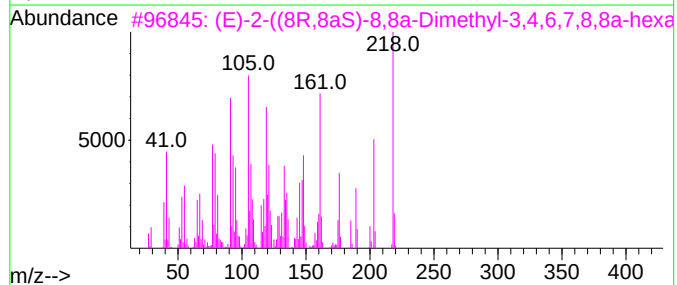
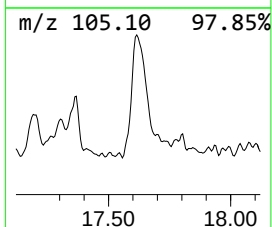
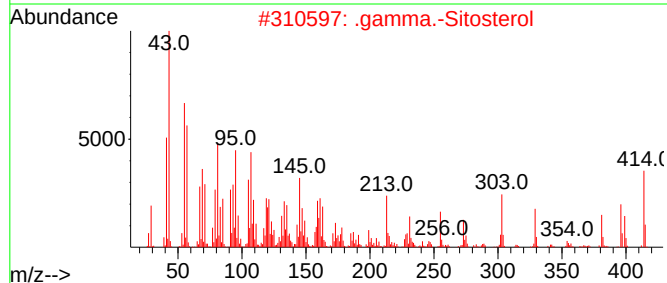
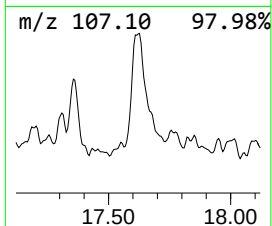
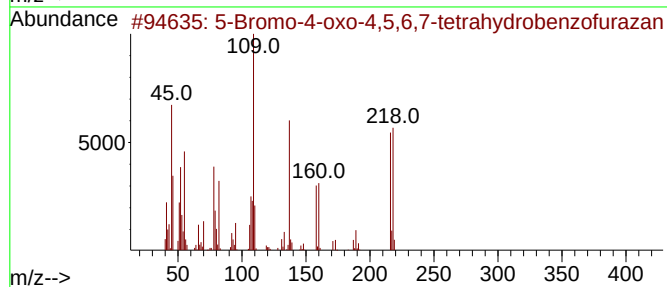
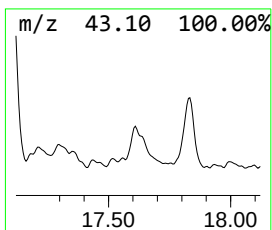
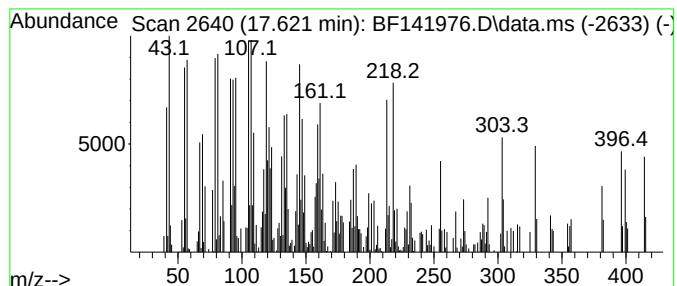
Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.621	4.56 ng	267425	Perylene-d12	15.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	91
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	83
3	(E)-2-((8R,8aS)-8,8a-Dimethyl-3,...	218	C15H22O	137695-18-2	64
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	62
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141976.D
 Acq On : 17 Mar 2025 11:12
 Operator : RC/JU
 Sample : Q1549-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.163	36.4	ng	1628400	1	6.881	895546	20.0
Camphene	6.334	2.8	ng	125648	1	6.881	895546	20.0
Benzophenone	10.622	4.0	ng	215113	3	9.910	1083760	20.0
n-Hexadecanoic ...	11.922	15.4	ng	742153	4	11.398	962752	20.0
4-Bromothiophen...	12.010	2.6	ng	127575	4	11.398	962752	20.0
Octadecanoic acid	12.704	4.7	ng	225526	4	11.398	962752	20.0
Cyclopentadecane	13.880	3.7	ng	282467	5	14.033	1540080	20.0
Heptadecane	14.504	5.2	ng	402656	5	14.033	1540080	20.0
1,4-Benzenedica...	14.663	2.0	ng	154309	5	14.033	1540080	20.0
Heneicosane	14.810	5.3	ng	312998	6	15.509	1172080	20.0
trans-Farnesol	14.892	3.0	ng	173007	6	15.509	1172080	20.0
Nonadecane	15.157	7.5	ng	441573	6	15.509	1172080	20.0
Benzo[e]pyrene	15.380	4.4	ng	259323	6	15.509	1172080	20.0
Octadecane	15.986	7.4	ng	435669	6	15.509	1172080	20.0
5-Octadecene, (E)-	16.039	5.6	ng	327382	6	15.509	1172080	20.0
Hexacosane	16.504	4.8	ng	278442	6	15.509	1172080	20.0
Benzo[b]triphen...	16.804	3.1	ng	179468	6	15.509	1172080	20.0
Dotriacontane, ...	17.109	4.1	ng	240914	6	15.509	1172080	20.0
5-Bromo-4-oxo-4...	17.621	4.6	ng	267425	6	15.509	1172080	20.0