LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11991

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: BF142197.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	17	rVB	676947	893776	36.88%	3.460%
2	2.234	18	24	39	rVB2	25922	52371	2.16%	0.203%
3	5.081	498	508	525	rVB	128876	212854	8.78%	0.824%
4	5.481	570	576	594	rBV	1477263	1978345	81.64%	7.658%
5	6.487	741	747	776	rBV	1462664	1960888	80.92%	7.590%
6	6.863	806	811	818	rBV	464115	580684	23.96%	2.248%
7	7.428	901	907	917	rBV	951102	1288070	53.16%	4.986%
8	8.145	1024	1029	1048	rBV	531418	718192	29.64%	2.780%
9	9.222	1206	1212	1223	rBV	1941797	2423181	100.00%	9.379%
10	9.763	1300	1304	1310	rBV	24282	30367	1.25%	0.118%
11	9.904	1322	1328	1341	rBV	552324	741268	30.59%	2.869%
12	10.451	1416	1421	1426	rVB2	19149	27305	1.13%	0.106%
13	10.616	1443	1449	1456	rBV	147253	194539	8.03%	0.753%
14	10.686	1456	1461	1478	rVV	960879	1312885	54.18%	5.082%
15	11.386	1575	1580	1583	rBV	460158	681392	28.12%	2.637%
16	11.463	1590	1593	1597	rVB	30189	37090	1.53%	0.144%
17	11.622	1614	1620	1627	rBV2	35989	75612	3.12%	0.293%
18	11.722	1634	1637	1642	rVB3	18743	25522	1.05%	0.099%
19	11.916	1661	1670	1676	rBV2	206244	413087	17.05%	1.599%
20	12.004	1681	1685	1694	rVB	104903	204800	8.45%	0.793%
21	12.121	1702	1705	1709	rVV4	28782	42105	1.74%	0.163%
22	12.169	1709	1713	1714	rVV3	34163	47159	1.95%	0.183%
23	12.210	1718	1720	1727	rVB	65437	86167	3.56%	0.334%
24	12.333	1735	1741	1744	rBV3	22809	39626	1.64%	0.153%
25	12.439	1755	1759	1763	rBV	55373	87900	3.63%	0.340%
26	12.474	1763	1765	1771	rVV2	29264	45560	1.88%	0.176%
27	12.527	1771	1774	1782	rVB	50947	69291	2.86%	0.268%
28	12.604	1782	1787	1792	rBV	726960	927359	38.27%	3.590%
29	12.698	1800	1803	1806	rBV	54737	65732	2.71%	0.254%
30	12.833	1819	1826	1831	rBV	633916	887615	36.63%	3.436%
31	12.880	1831	1834	1839	rVB3	43557	71018	2.93%	0.275%
32	12.974	1842	1850	1857	rVB	1639509	2119545	87.47%	8.204%
33	13.051	1857	1863	1870	rBV3	67279	135666	5.60%	0.525%
34	13.157	1874	1881	1886	rVB	97148	191390	7.90%	0.741%
35	13.227	1889	1893	1896	rBV2	46279	55263	2.28%	0.214%
36	13.263	1896	1899	1907	rVB2	85857	122763	5.07%	0.475%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991

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

37	13.357	1911	1915	1918	rBV	51784	66067	2.73%	0.256%
38	13.386	1918	1920	1924	rVB	42794	47121	1.94%	0.182%
39	13.568	1943	1951	1956	rBV8	29471	76783	3.17%	0.297%
40	13.668	1964	1968	1974	rVB	81306	111679	4.61%	0.432%
41	13.780	1981	1987	1990	rBV2	94085	165696	6.84%	0.641%
42	13.874	1999	2003	2013	rVB3	147755	240980	9.94%	0.933%
43	14.027	2022	2029	2032	rBV2	812698	1401305	57.83%	5.424%
44	14.415	2091	2095	2098	rVB	75653	92718	3.83%	0.359%
45	14.457	2098	2102	2105	rVB2	56161	68156	2.81%	0.264%
46	14.504	2106	2110	2114	rBV5	62481	113169	4.67%	0.438%
47	14.657	2132	2136	2141	rBV	308791	391036	16.14%	1.514%
48	14.880	2171	2174	2177	rBV2	40273	59235	2.44%	0.229%
49	14.951	2183	2186	2189	rVB	48657	54613	2.25%	0.211%
50	15.074	2202	2207	2216	rBV	466167	1056130	43.58%	4.088%
51	15.145	2216	2219	2222	rVV2	78635	129874	5.36%	0.503%
52	15.180	2222	2225	2237	rVB2	112554	216915	8.95%	0.840%
53	15.380	2254	2259	2265	rVB	256336	400289	16.52%	1.549%
54	15.445	2265	2270	2275	rBV	313128	474167	19.57%	1.835%
55	15.509	2275	2281	2295	rVB2	469633	883550	36.46%	3.420%
56	15.733	2315	2319	2326	rVB3	106154	184936	7.63%	0.716%
57	15.974	2356	2360	2366	rVB	59434	99862	4.12%	0.387%
58	16.786	2493	2498	2504	rBV3	58137	142646	5.89%	0.552%
59	16.992	2527	2533	2543	rVB2	125374	280239	11.56%	1.085%
60	17.439	2603	2609	2623	rVB	97135	231696	9.56%	0.897%

Sum of corrected areas: 25835249

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
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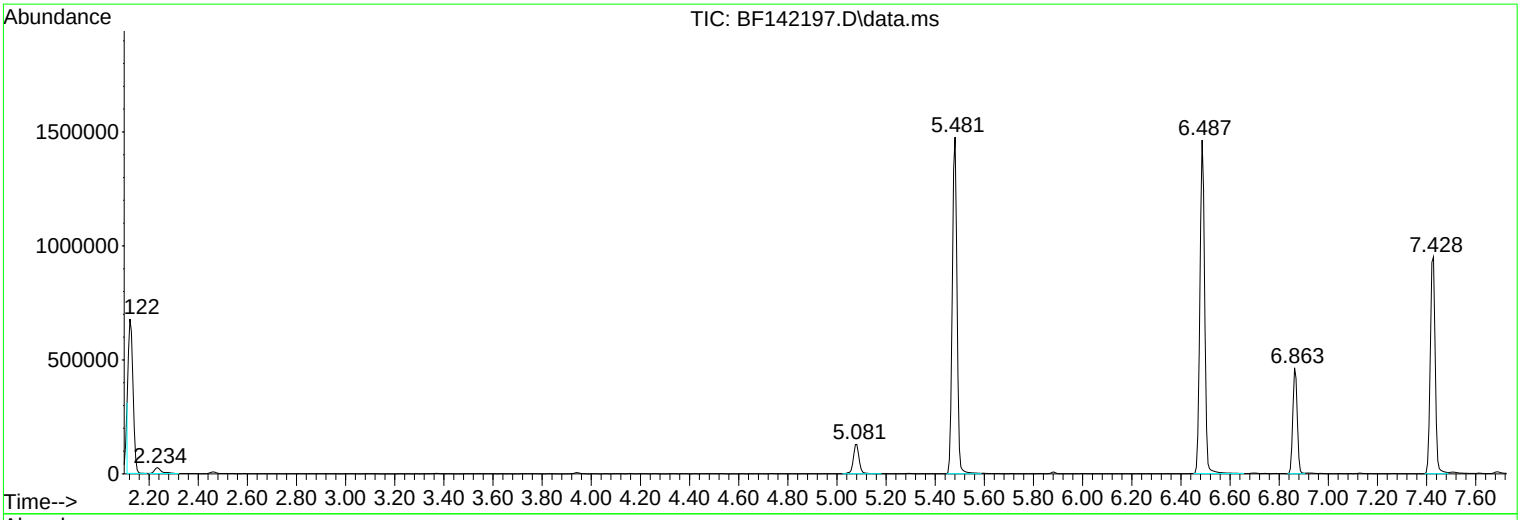
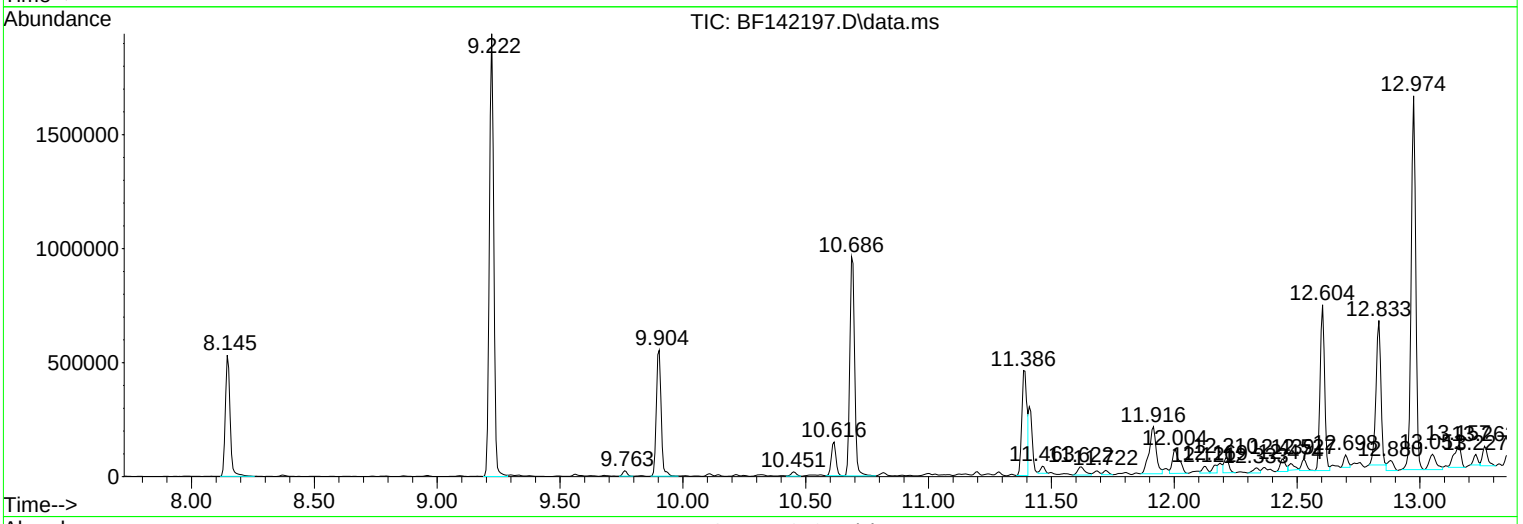
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

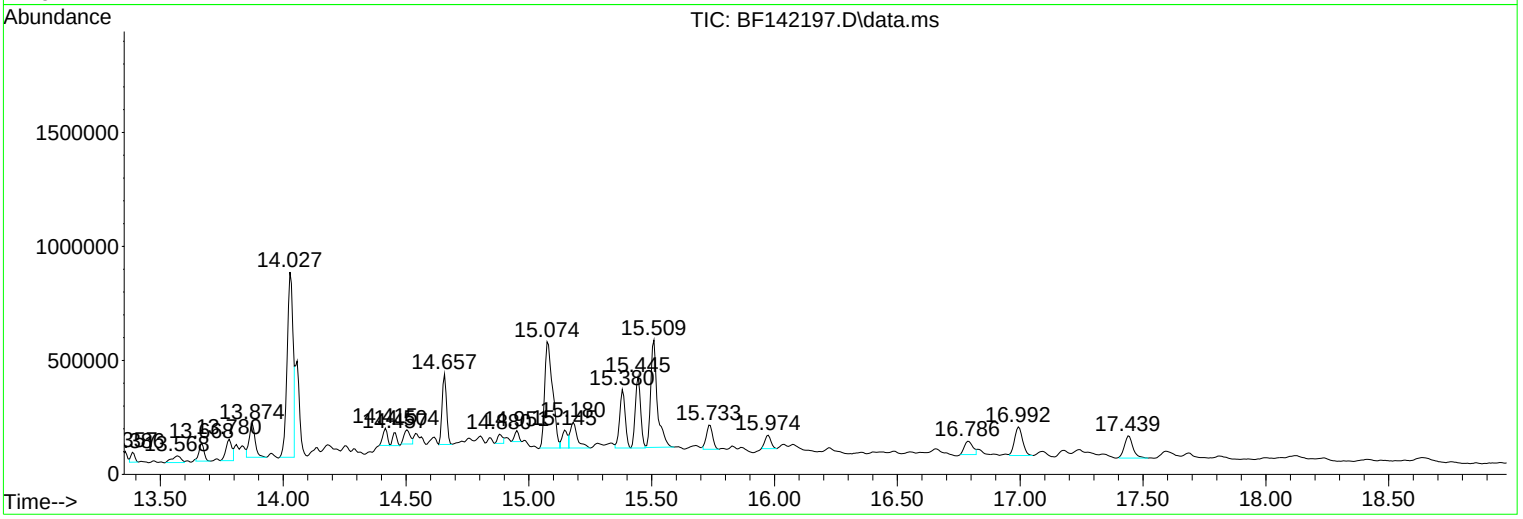
Instrument :
BNA_F
ClientSampleId :
72-11991

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\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991

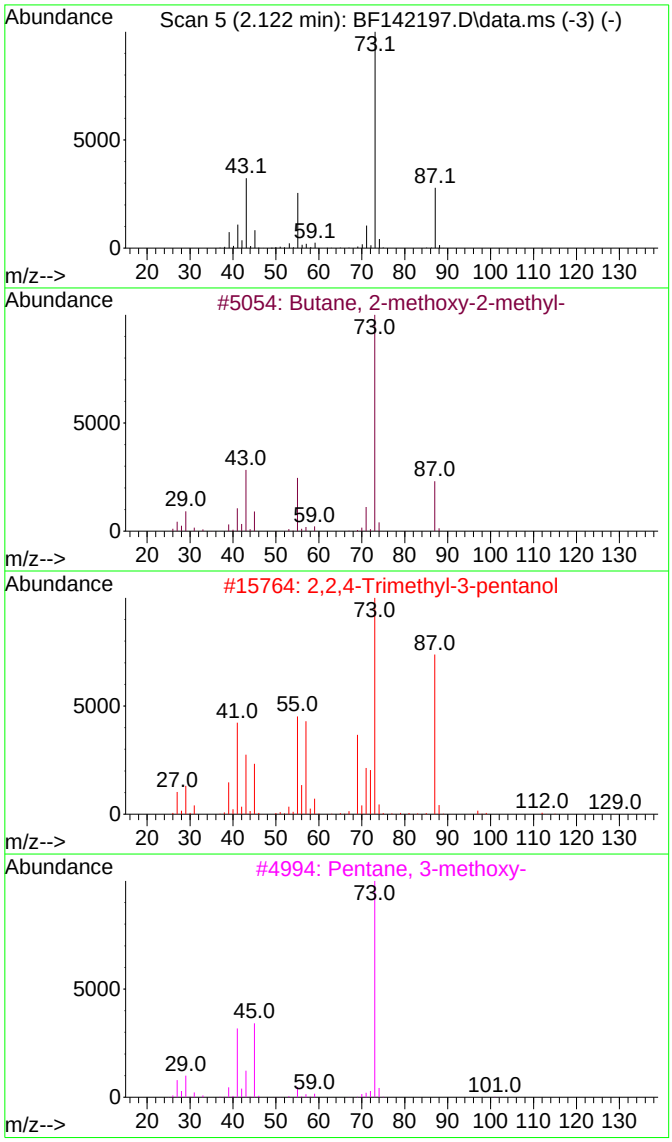
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

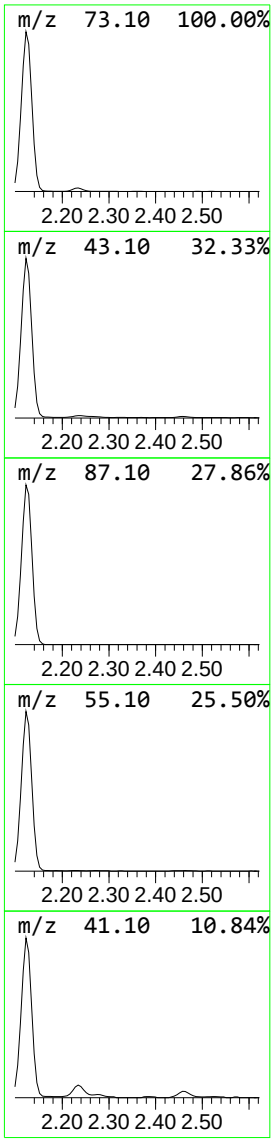
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	30.78 ng	893776	1,4-Dichlorobenzene-d4	6.863

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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991

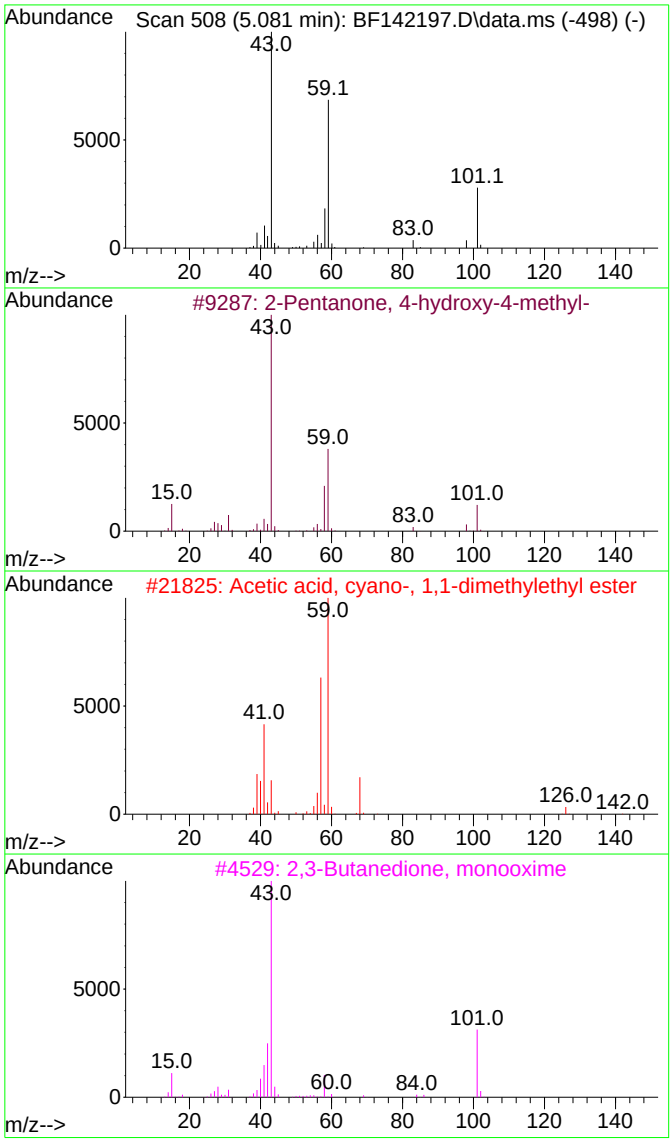
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

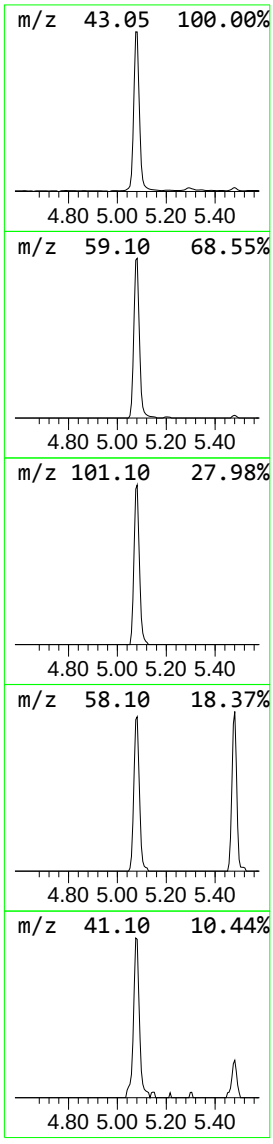
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	7.33 ng	212854	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991

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

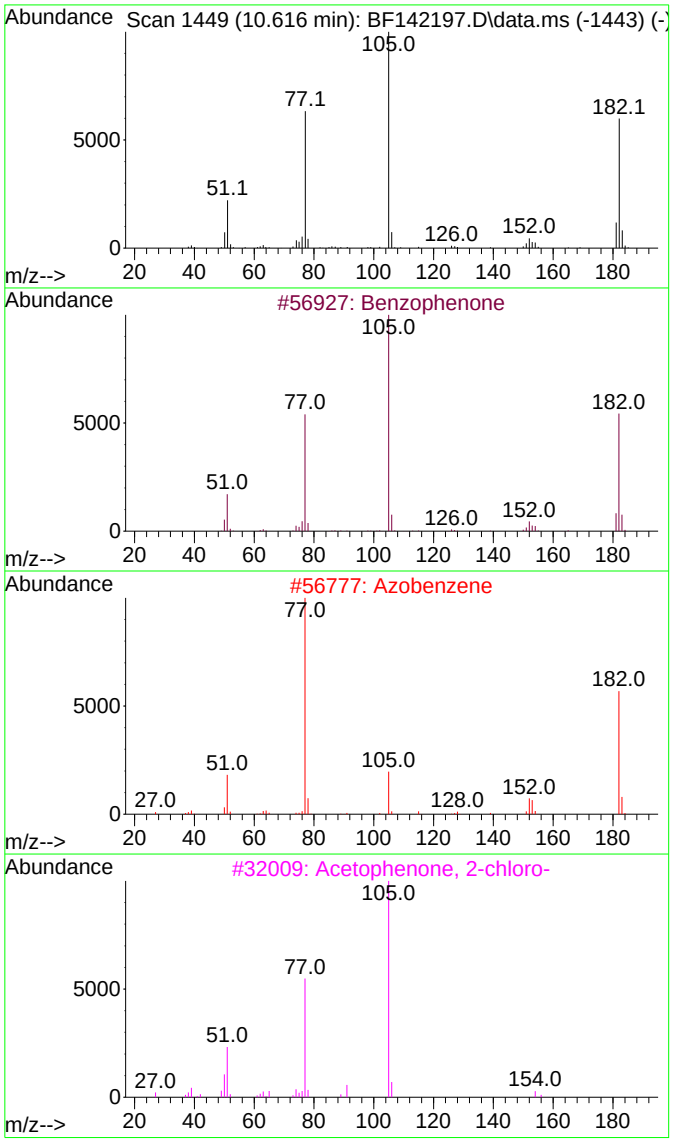
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

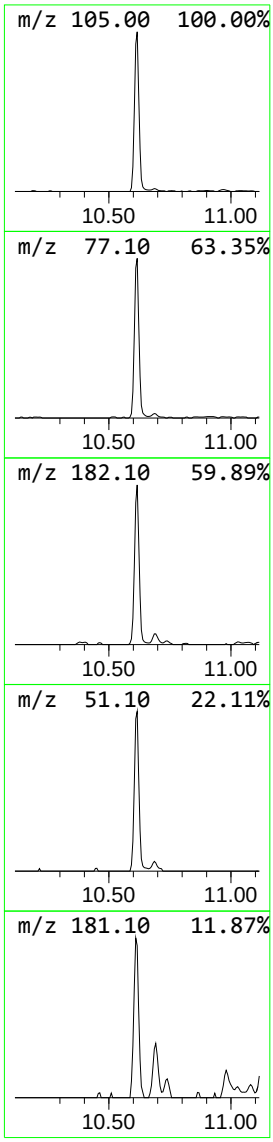
****

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	5.25 ng	194539	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991

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

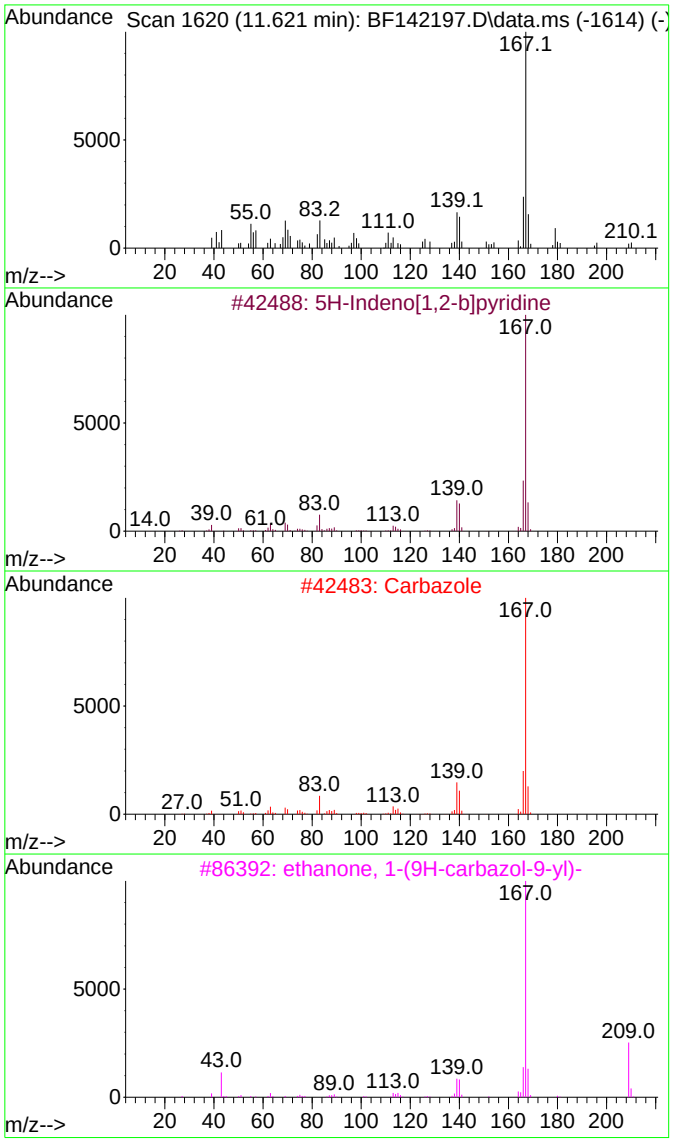
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

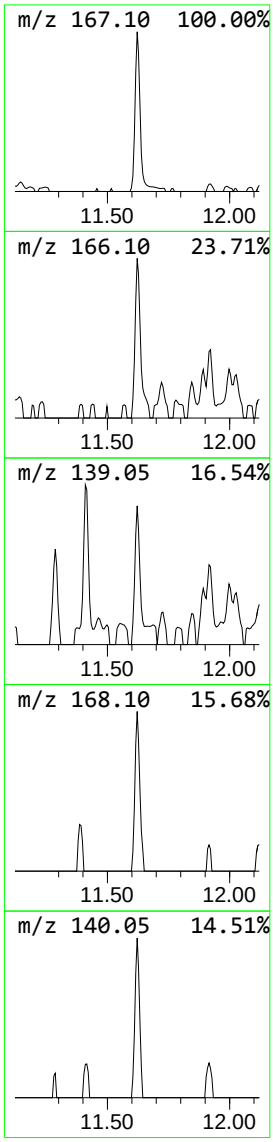
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	2.22 ng	75612	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	Carbazole	167	C12H9N	000086-74-8	87
3	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	81
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
5	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991

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

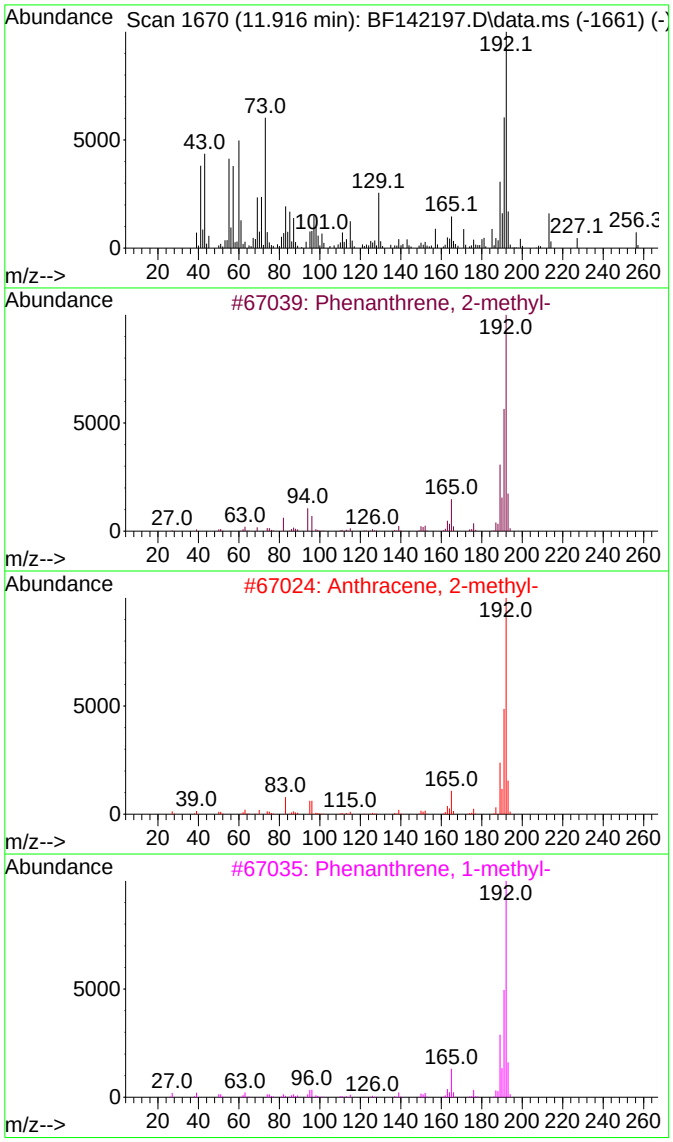
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

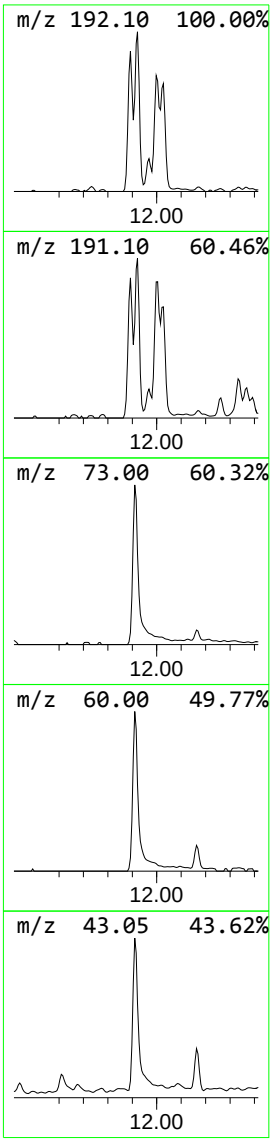
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	12.12 ng	413087	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
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Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991

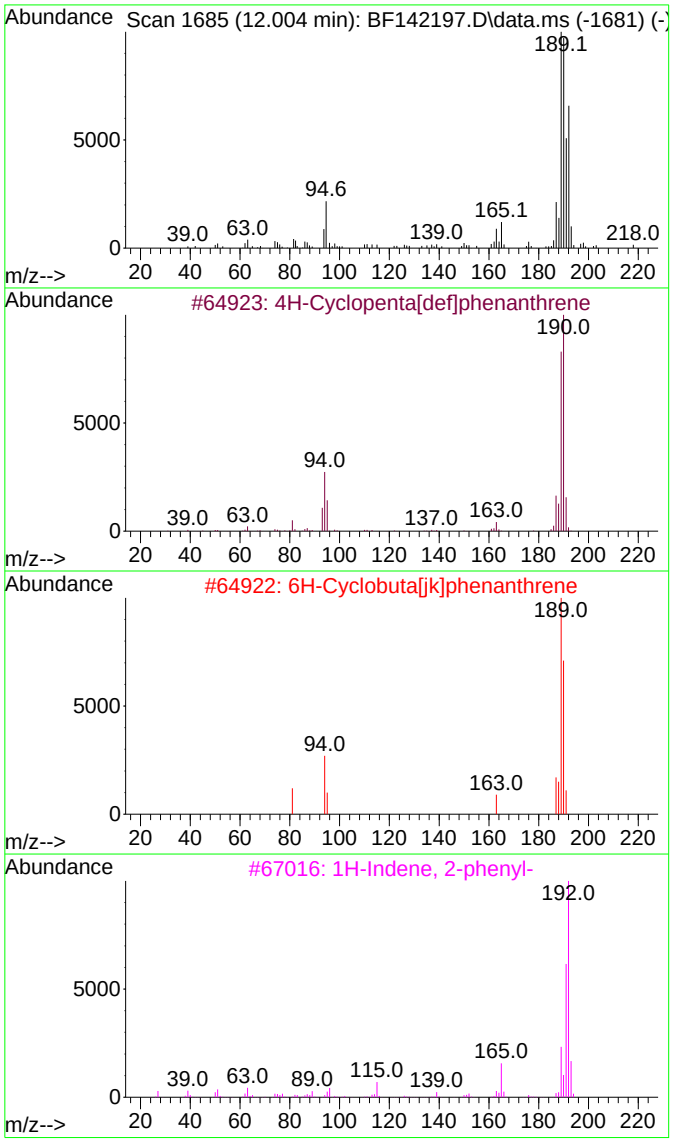
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

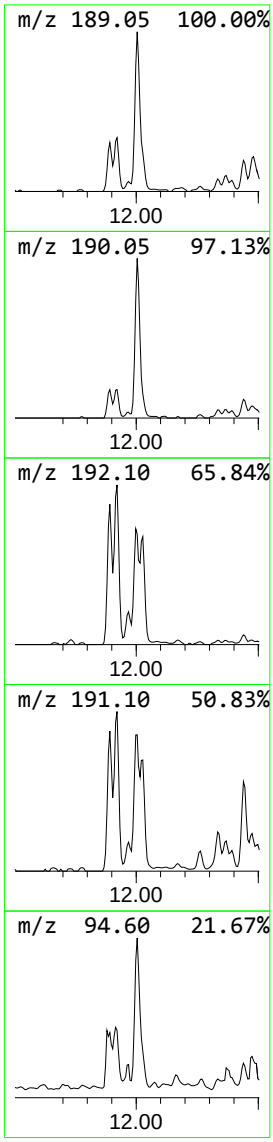
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	6.01 ng	204800	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991

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

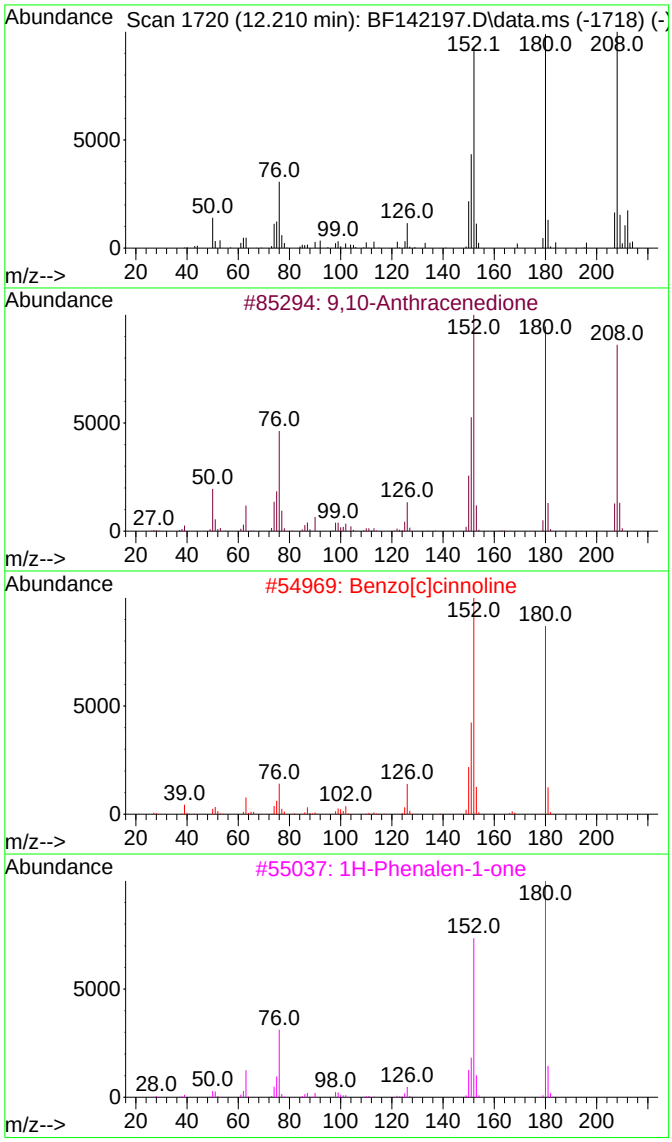
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

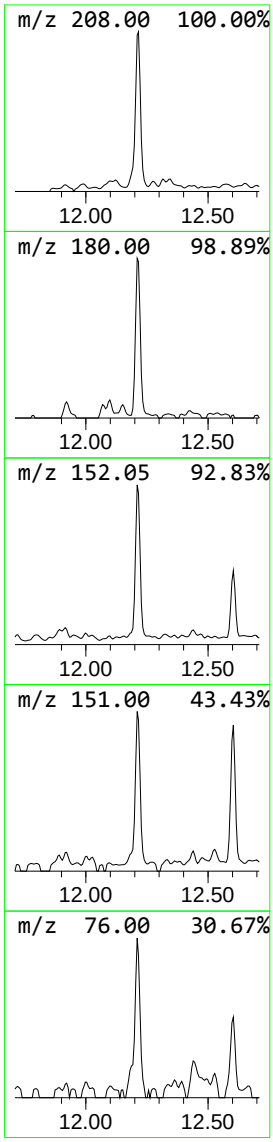
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	2.53 ng	86167	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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Sample : Q1674-03
Misc :
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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

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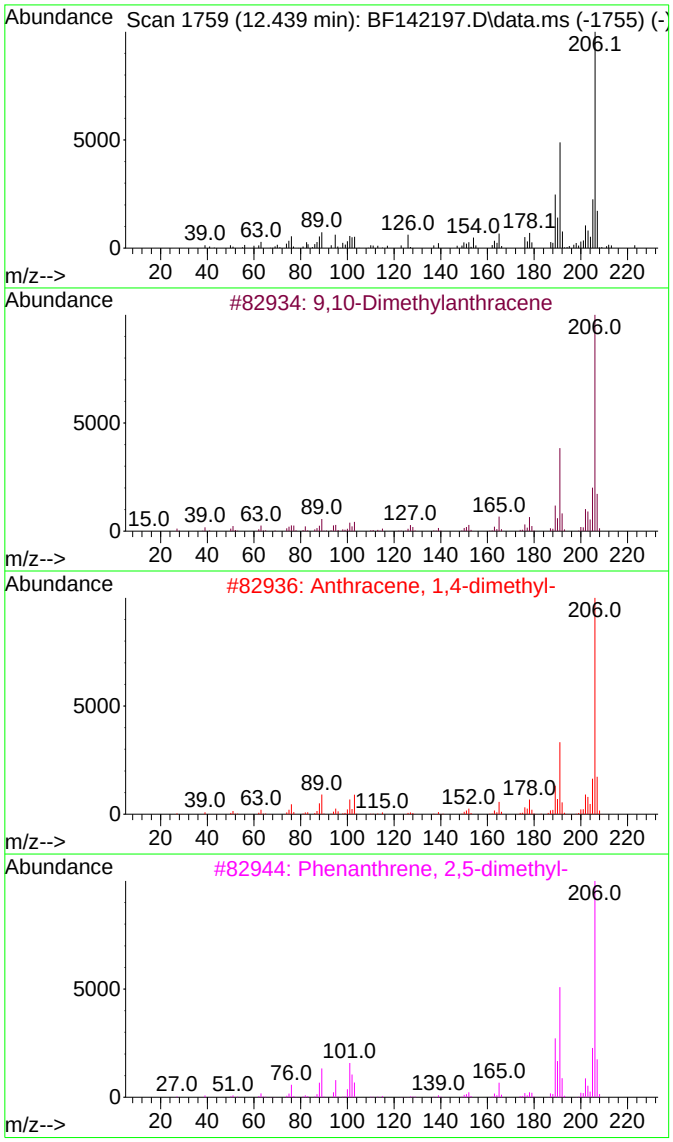
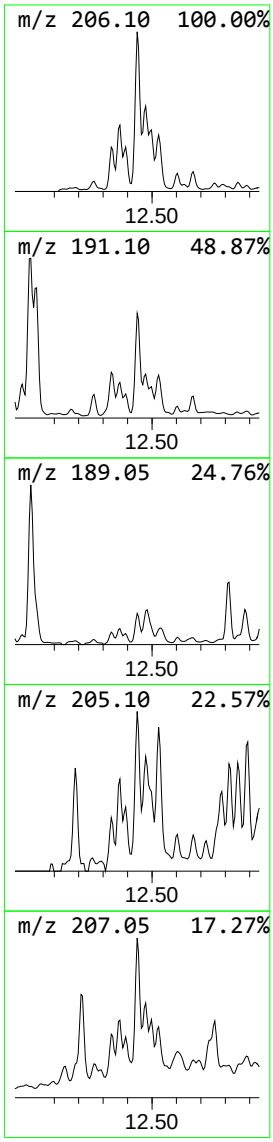
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	2.58 ng	87900	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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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

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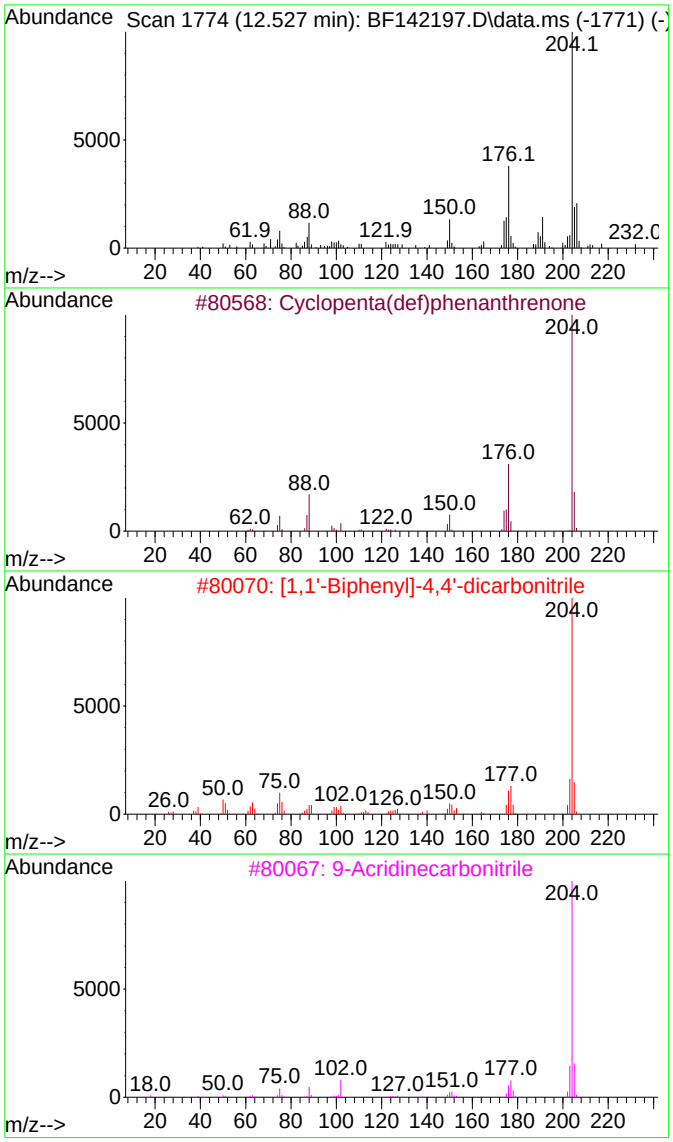
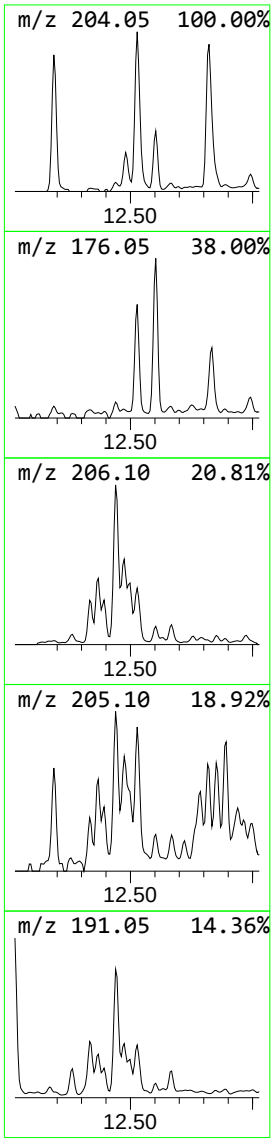
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	2.03 ng	69291	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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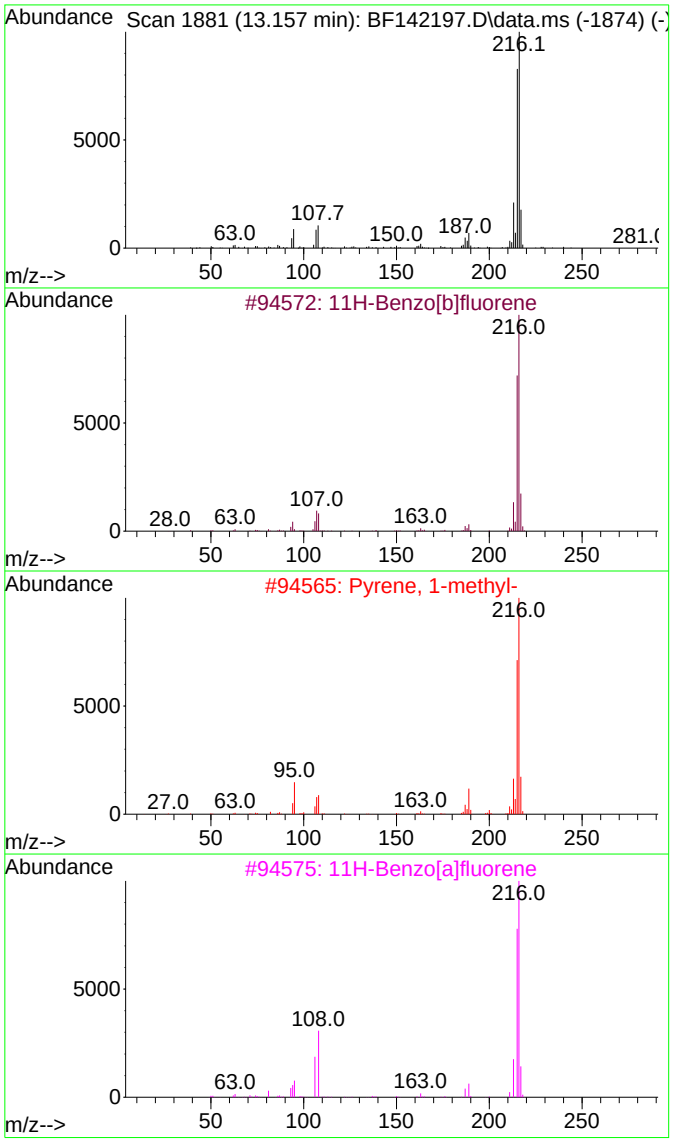
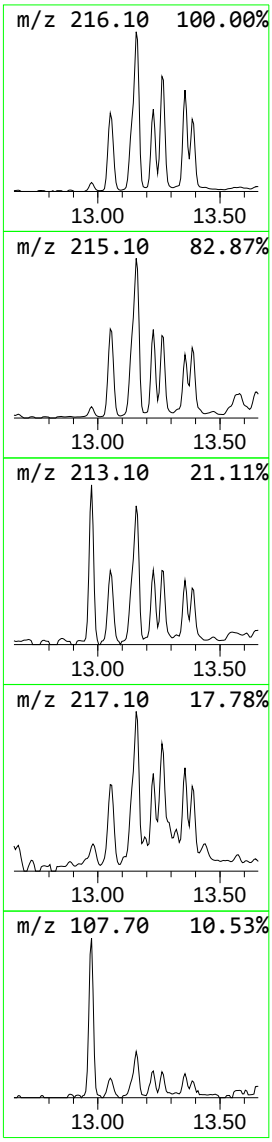
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.73 ng	191390	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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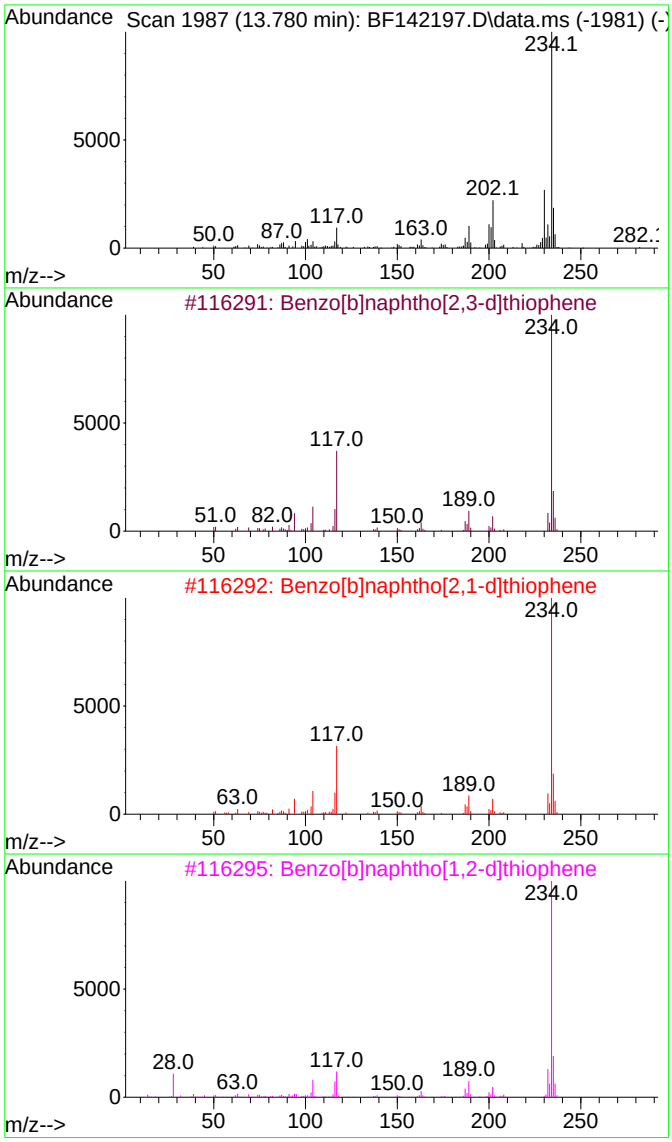
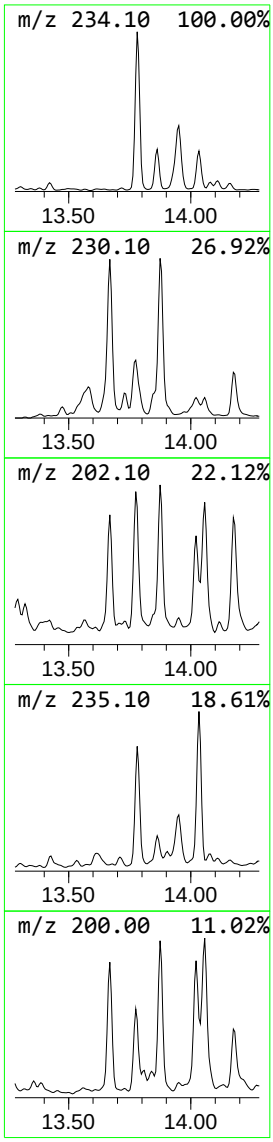
Peak Number 11 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	2.36 ng	165696	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	60
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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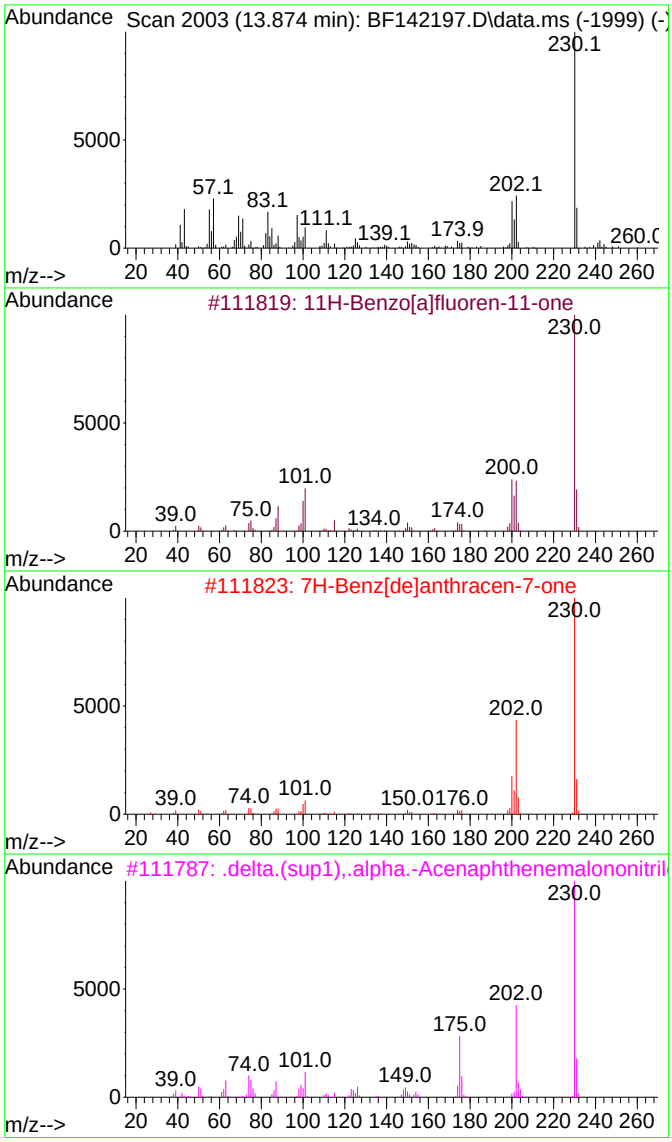
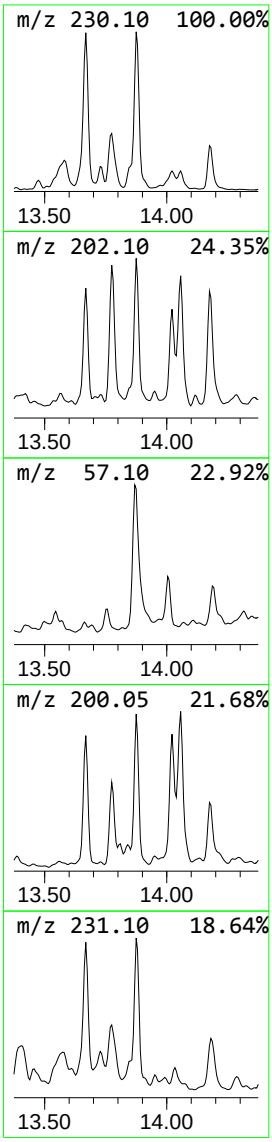
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.44 ng	240980	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	50
4	o-Terphenyl	230	C18H14	000084-15-1	49
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	47





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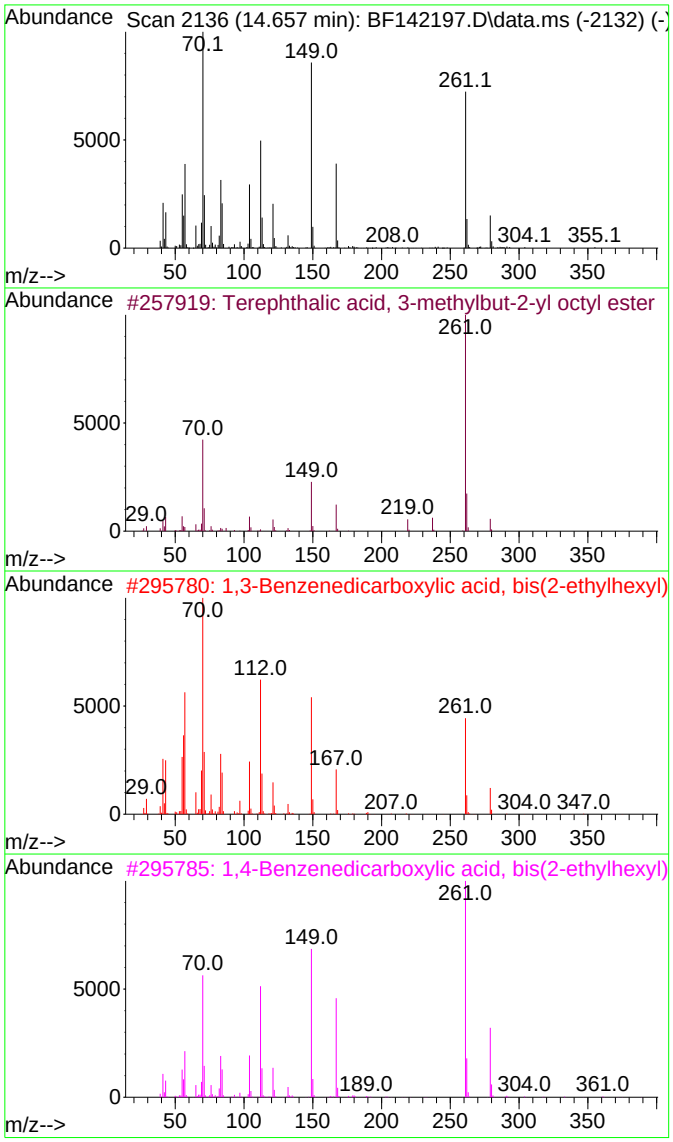
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

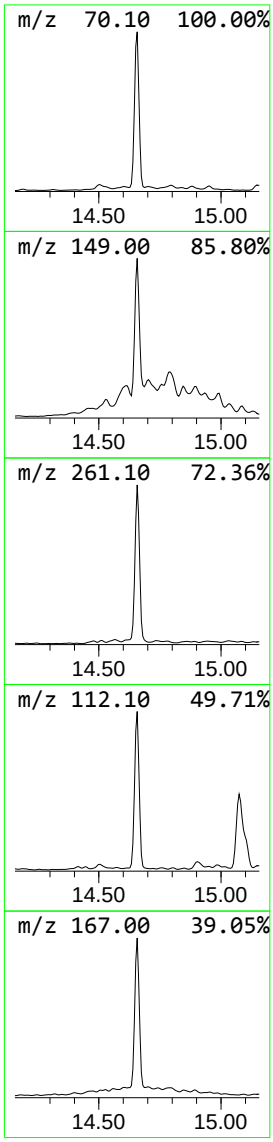
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Terephthalic acid, 3-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	5.58 ng	391036	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	72
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	62
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	58
4	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	43
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	43





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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

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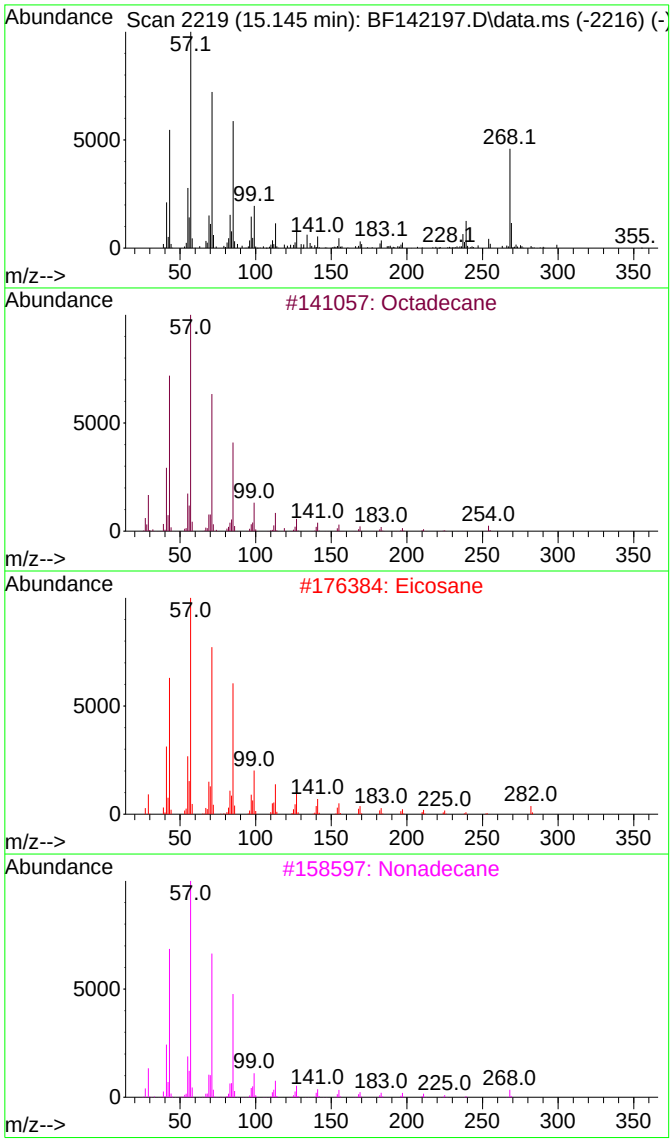
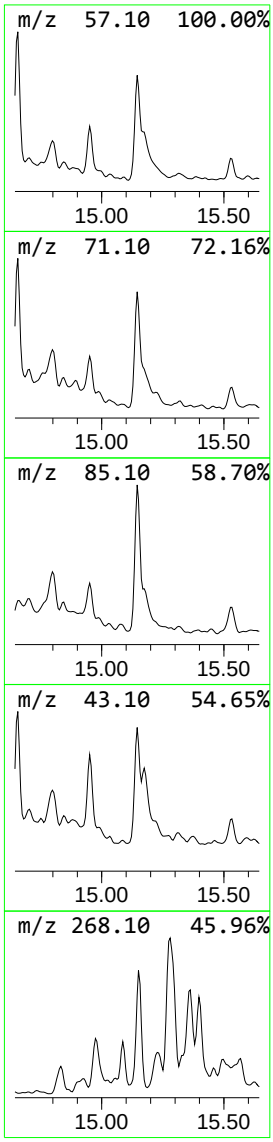
Peak Number 14 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	2.94 ng	129874	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Eicosane	282	C20H42	000112-95-8	70
3	Nonadecane	268	C19H40	000629-92-5	68
4	Heneicosane	296	C21H44	000629-94-7	60
5	Heptadecane	240	C17H36	000629-78-7	55





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Misc :
ALS Vial : 24 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

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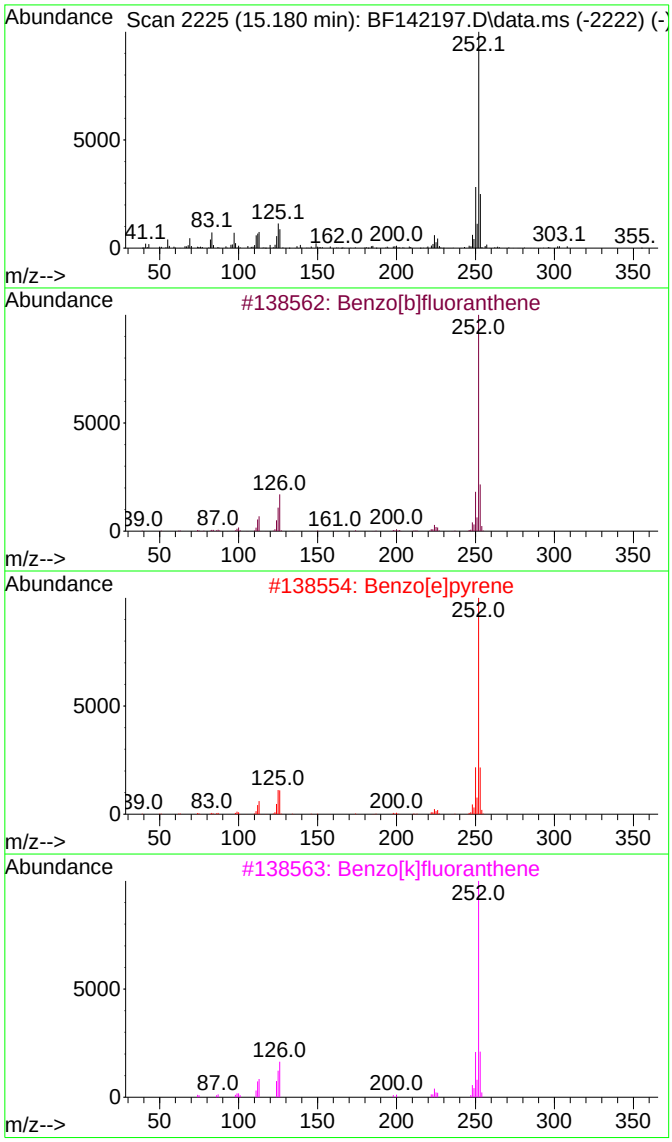
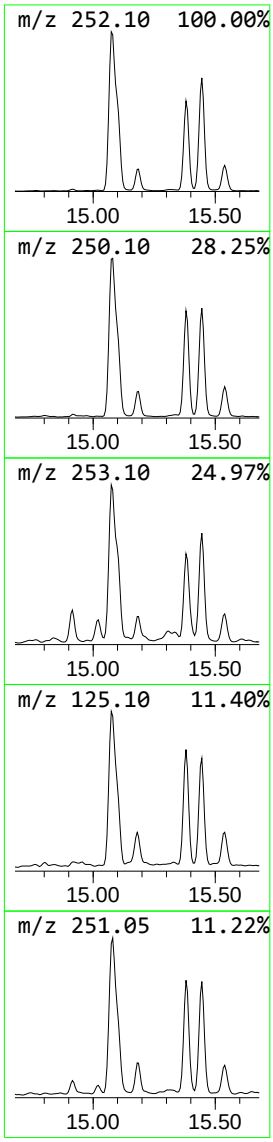
Peak Number 15 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	4.91 ng	216915	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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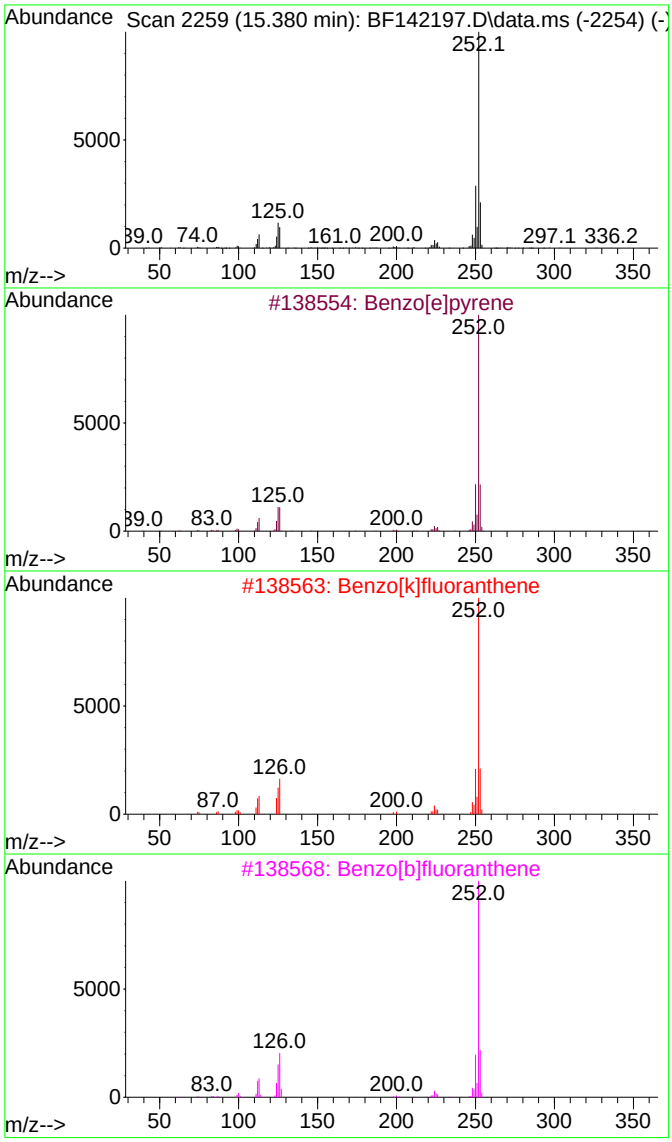
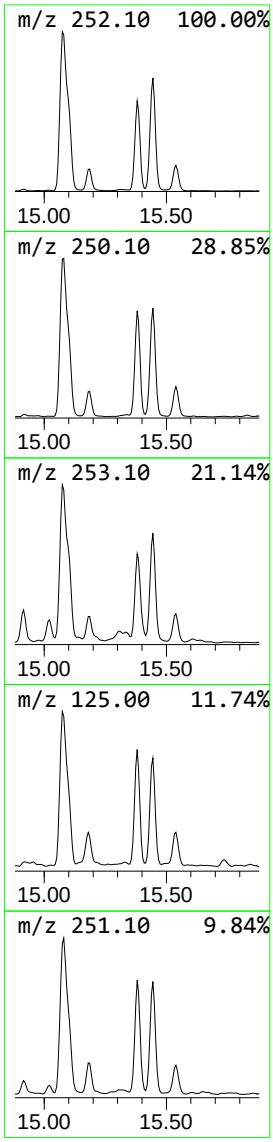
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	9.06 ng	400289	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Perylene	252	C20H12	000198-55-0	94





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ALS Vial : 24 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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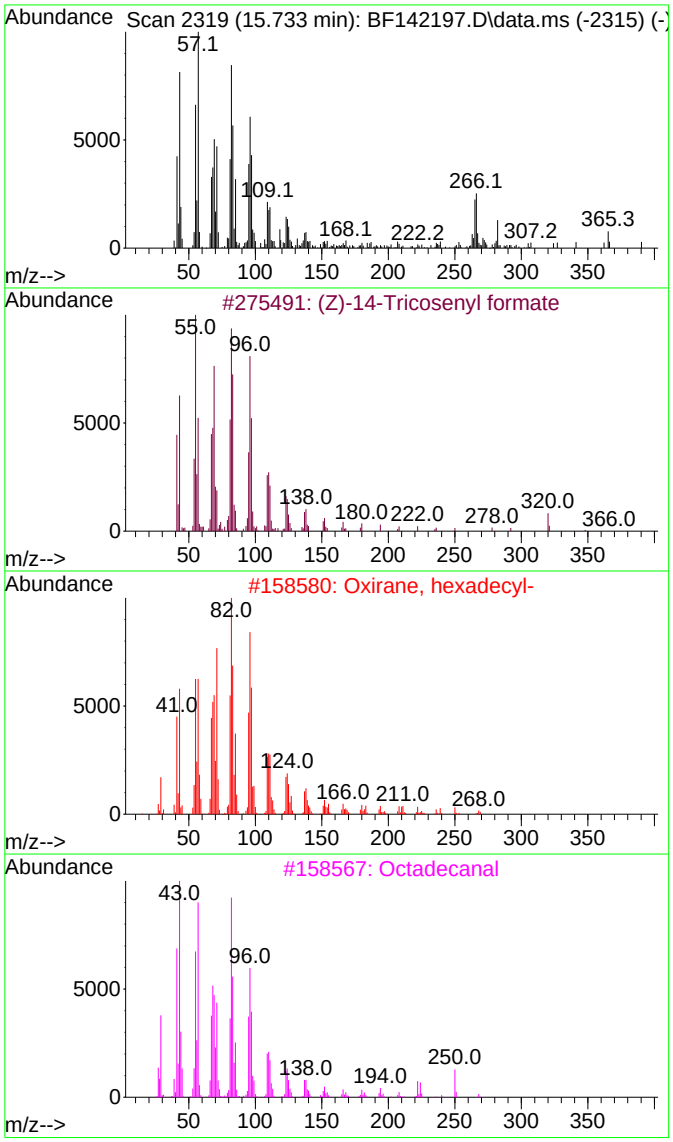
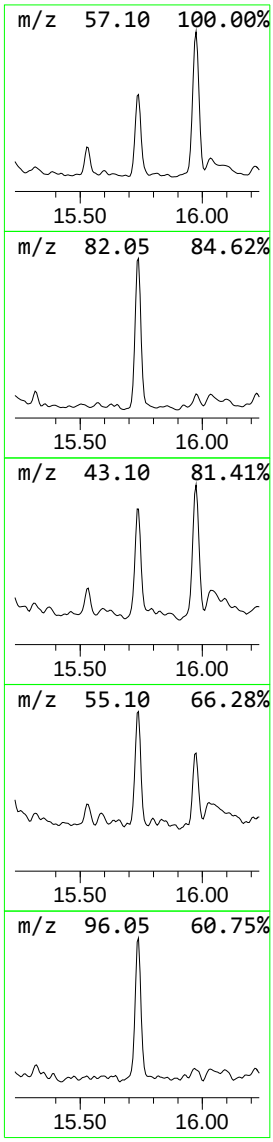
Peak Number 17 (Z)-14-Tricosenyl formate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	4.19 ng	184936	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
5	1,19-Eicosadiene	278	C20H38	014811-95-1	81





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

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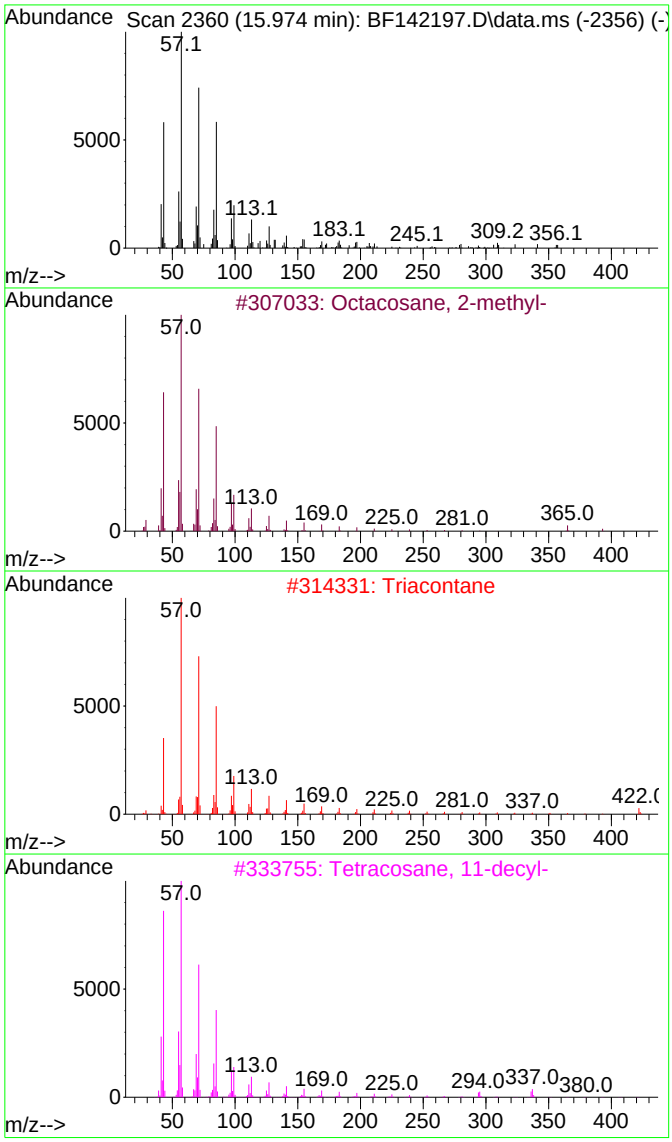
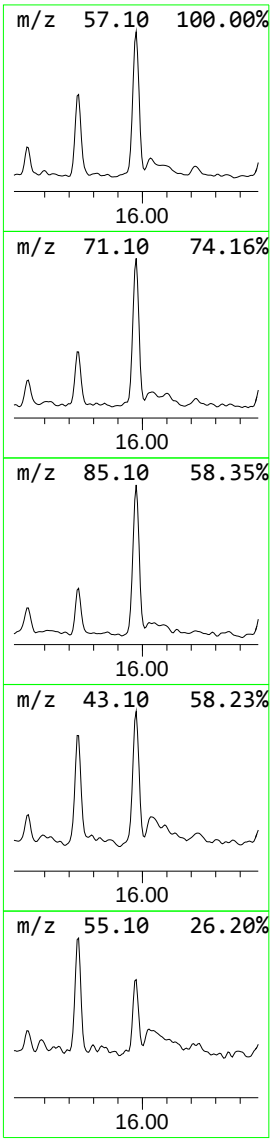
Peak Number 18 Octacosane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	2.26 ng	99862	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4	2-Methyltetracosane	352	C25H52	001560-78-7	91
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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TIC Integration Parameters: LSCINT.P

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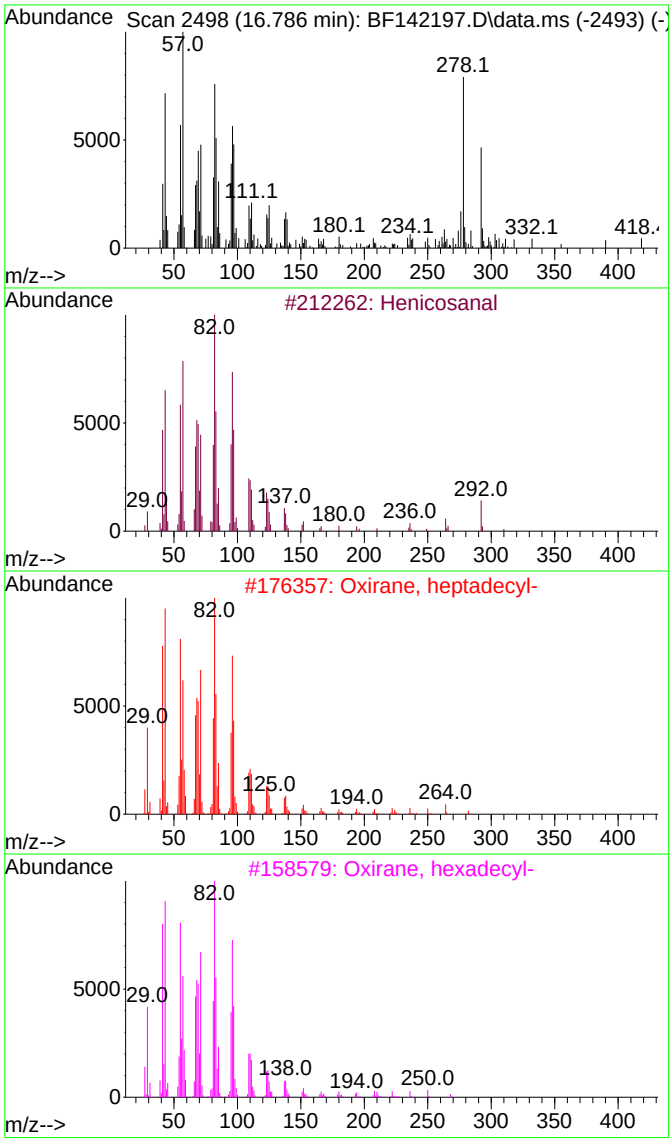
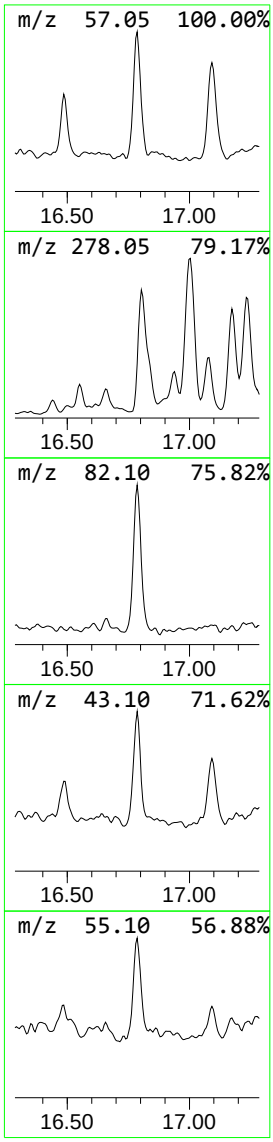
Peak Number 19 Henicosanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	3.23 ng	142646	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Henicosanal	310	C21H42O	051227-32-8	83
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	55
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	52
4	Octadecanal	268	C18H36O	000638-66-4	49
5	Z-10-Octadecen-1-ol acetate	310	C20H38O2	1000131-07-2	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142197.D
Acq On : 31 Mar 2025 23:25
Operator : RC/JU
Sample : Q1674-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11991

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.122	30.8	ng	893776	1	6.863	580684	20.0
2-Pentanone, 4-...	5.081	7.3	ng	212854	1	6.863	580684	20.0
Benzophenone	10.616	5.3	ng	194539	3	9.904	741268	20.0
5H-Indeno[1,2-b...	11.621	2.2	ng	75612	4	11.386	681392	20.0
Phenanthrene, 2...	11.916	12.1	ng	413087	4	11.386	681392	20.0
4H-Cyclopenta[d...	12.004	6.0	ng	204800	4	11.386	681392	20.0
9,10-Anthracene...	12.210	2.5	ng	86167	4	11.386	681392	20.0
9,10-Dimethylan...	12.439	2.6	ng	87900	4	11.386	681392	20.0
Cyclopenta(def)...	12.527	2.0	ng	69291	4	11.386	681392	20.0
11H-Benzo[b]flu...	13.157	2.7	ng	191390	5	14.033	1401310	20.0
Benzo[b]naphtho...	13.780	2.4	ng	165696	5	14.033	1401310	20.0
11H-Benzo[a]flu...	13.874	3.4	ng	240980	5	14.033	1401310	20.0
Terephthalic ac...	14.657	5.6	ng	391036	5	14.033	1401310	20.0
Octadecane	15.145	2.9	ng	129874	6	15.509	883550	20.0
Benzo[e]pyrene	15.180	4.9	ng	216915	6	15.509	883550	20.0
Benzo[j]fluoran...	15.380	9.1	ng	400289	6	15.509	883550	20.0
(Z)-14-Tricosen...	15.733	4.2	ng	184936	6	15.509	883550	20.0
Octacosane, 2-m...	15.974	2.3	ng	99862	6	15.509	883550	20.0
Henicosanal	16.786	3.2	ng	142646	6	15.509	883550	20.0