LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134229.D
Acq On : 12 Jul 2023 00:07
Operator : CG\JU
Sample : 03358-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(0-2)

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134229.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	9	15	rBV	1476663	1890388	75.25%	6.761%
2	2.252	24	28	37	rVB	29695	45612	1.82%	0.163%
3	5.087	506	510	517	rBV	78087	105247	4.19%	0.376%
4	5.481	572	577	594	rBV	2579768	2492060	99.20%	8.912%
5	6.122	683	686	690	rBV	396003	325193	12.95%	1.163%
6	6.481	743	747	750	rBV	2541849	2438735	97.08%	8.722%
7	6.540	755	757	761	rVB	178780	154655	6.16%	0.553%
8	6.722	784	788	793	rBV	43938	39038	1.55%	0.140%
9	6.845	805	809	816	rBV	839342	739364	29.43%	2.644%
10	6.916	818	821	825	rVB	100329	76781	3.06%	0.275%
11	7.404	900	904	914	rBV	1709044	1637357	65.18%	5.856%
12	7.857	973	981	986	rBV9	20377	40236	1.60%	0.144%
13	8.122	1023	1026	1029	rBV	1230305	948548	37.76%	3.392%
14	9.198	1205	1209	1212	rBV	3073799	2512072	100.00%	8.984%
15	9.533	1263	1266	1269	rBV2	50234	41738	1.66%	0.149%
16	9.739	1296	1301	1305	rBV	37226	42612	1.70%	0.152%
17	9.880	1321	1325	1328	rBV	1154901	903407	35.96%	3.231%
18	9.910	1328	1330	1335	rVB	58848	59147	2.35%	0.212%
19	10.086	1356	1360	1363	rBV2	35907	33297	1.33%	0.119%
20	10.598	1443	1447	1454	rVB	210653	175081	6.97%	0.626%
21	10.675	1456	1460	1469	rBV	1537546	1370273	54.55%	4.900%
22	10.786	1476	1479	1484	rVB2	25999	34176	1.36%	0.122%
23	11.180	1543	1546	1550	rBV	68526	56257	2.24%	0.201%
24	11.269	1559	1561	1568	rVB2	35716	38959	1.55%	0.139%
25	11.374	1575	1579	1581	rBV	856355	724944	28.86%	2.593%
26	11.398	1581	1583	1587	rVV	719662	580577	23.11%	2.076%
27	11.451	1590	1592	1595	rVV	56330	50801	2.02%	0.182%
28	11.480	1595	1597	1604	rVB5	23491	36803	1.47%	0.132%
29	11.610	1614	1619	1626	rBV2	66398	95243	3.79%	0.341%
30	11.669	1626	1629	1633	rBV5	24698	29724	1.18%	0.106%
31	11.880	1660	1665	1667	rBV	96828	102818	4.09%	0.368%
32	11.910	1667	1670	1673	rVV	758537	744026	29.62%	2.661%
33	11.939	1673	1675	1680	rVV2	60852	85423	3.40%	0.305%
34	11.992	1680	1684	1686	rVV2	104503	113363	4.51%	0.405%
35	12.016	1686	1688	1693	rVB	67148	66429	2.64%	0.238%
36	12.086	1693	1700	1702	rBV5	30423	61565	2.45%	0.220%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
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Acq On : 12 Jul 2023 00:07
Operator : CG\JU
Sample : 03358-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(0-2)

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.180	1713	1716	1718	rBV	54311	55528	2.21%	0.199%
38	12.204	1718	1720	1725	rVB	178749	165628	6.59%	0.592%
39	12.433	1755	1759	1760	rBV	39474	41103	1.64%	0.147%
40	12.521	1771	1774	1779	rBV	95587	90358	3.60%	0.323%
41	12.598	1781	1787	1790	rBV	1075449	954438	37.99%	3.413%
42	12.698	1801	1804	1807	rBV	269497	263257	10.48%	0.941%
43	12.827	1820	1826	1832	rBV	892376	908325	36.16%	3.248%
44	12.874	1832	1834	1837	rVB2	38327	35297	1.41%	0.126%
45	12.969	1844	1850	1857	rBV	1625509	1689094	67.24%	6.041%
46	13.133	1875	1878	1880	rBV3	73874	88373	3.52%	0.316%
47	13.204	1887	1890	1892	rBV2	41323	40870	1.63%	0.146%
48	13.263	1895	1900	1902	rVV3	64058	87014	3.46%	0.311%
49	13.357	1913	1916	1919	rBV	67193	76166	3.03%	0.272%
50	13.386	1919	1921	1929	rVB2	81117	102931	4.10%	0.368%
51	13.545	1945	1948	1951	rBV2	73094	70682	2.81%	0.253%
52	13.674	1967	1970	1974	rVB	128477	128458	5.11%	0.459%
53	13.780	1985	1988	1991	rBV2	112239	123934	4.93%	0.443%
54	13.810	1991	1993	1994	rBV	68538	54687	2.18%	0.196%
55	13.833	1994	1997	2002	rVB2	291138	295990	11.78%	1.059%
56	13.880	2003	2005	2008	rVB2	130311	112947	4.50%	0.404%
57	13.927	2009	2013	2015	rBV	127109	193956	7.72%	0.694%
58	14.010	2021	2027	2029	rBV	421606	679032	27.03%	2.428%
59	14.039	2029	2032	2034	rVV2	685151	782198	31.14%	2.797%
60	14.063	2034	2036	2041	rVB	391096	349916	13.93%	1.251%
61	14.463	2101	2104	2108	rBV3	143464	183356	7.30%	0.656%
62	14.551	2117	2119	2121	rBV3	47678	50277	2.00%	0.180%
63	15.098	2208	2212	2216	rBV	367629	568525	22.63%	2.033%
64	15.410	2262	2265	2270	rVB	180799	255112	10.16%	0.912%
65	15.480	2273	2277	2282	rVB	173713	239721	9.54%	0.857%
66	15.545	2284	2288	2291	rBV	287895	383100	15.25%	1.370%

Sum of corrected areas: 27962222

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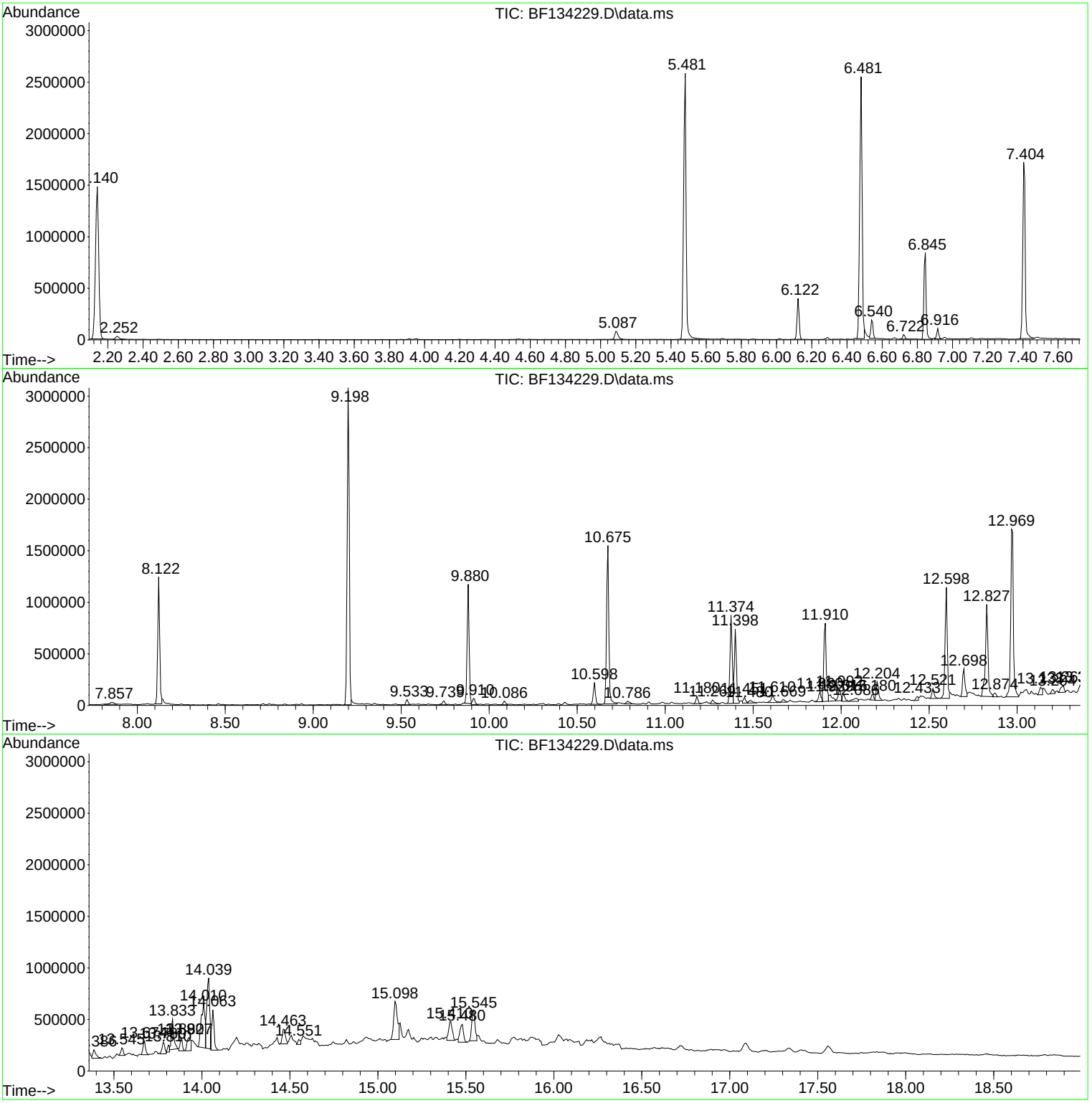
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF071123\
Data File : BF134229.D
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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

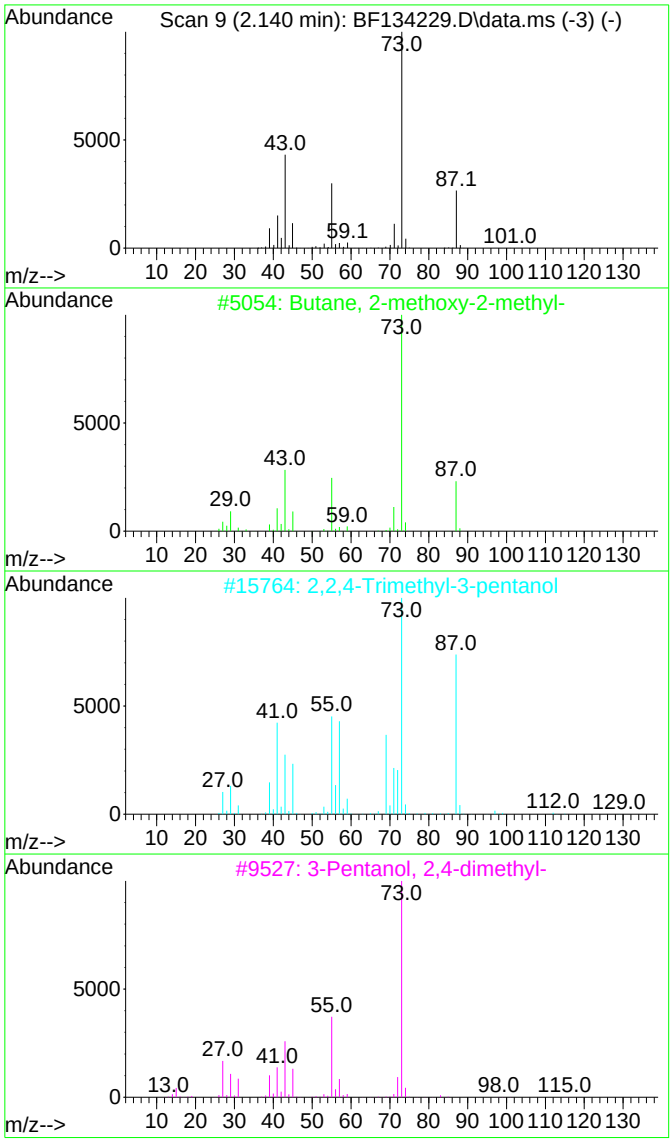
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

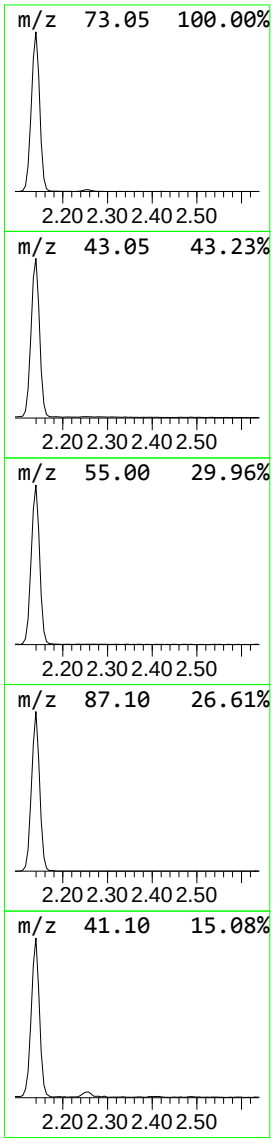
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	51.14 ng	1890390	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134229.D
Acq On : 12 Jul 2023 00:07
Operator : CG\JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(0-2)

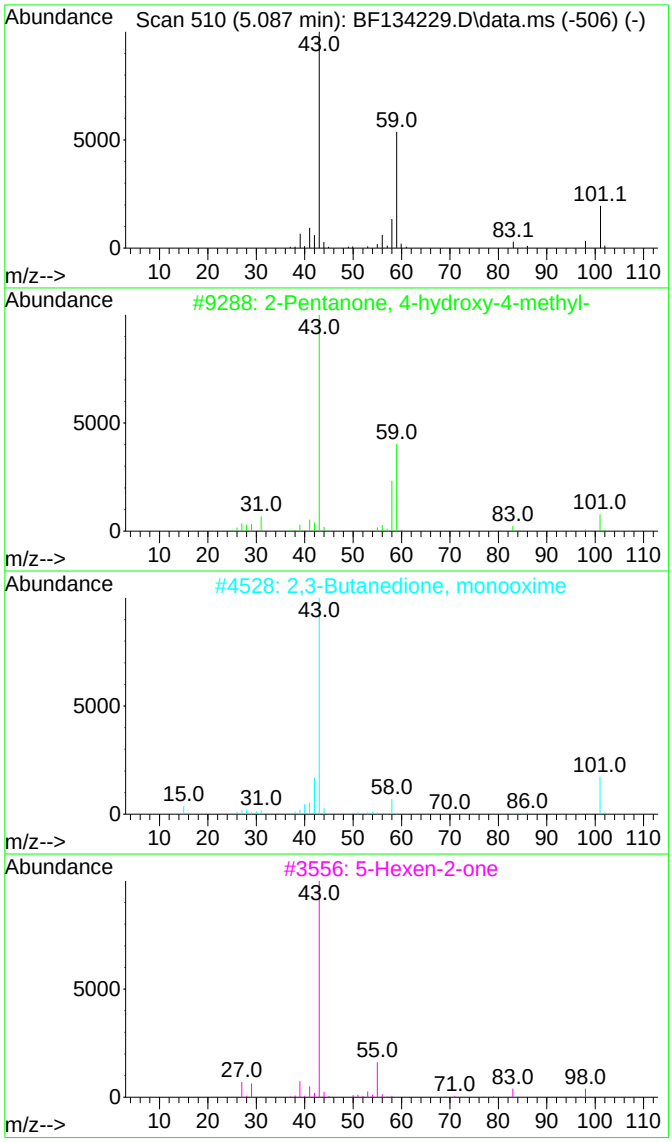
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

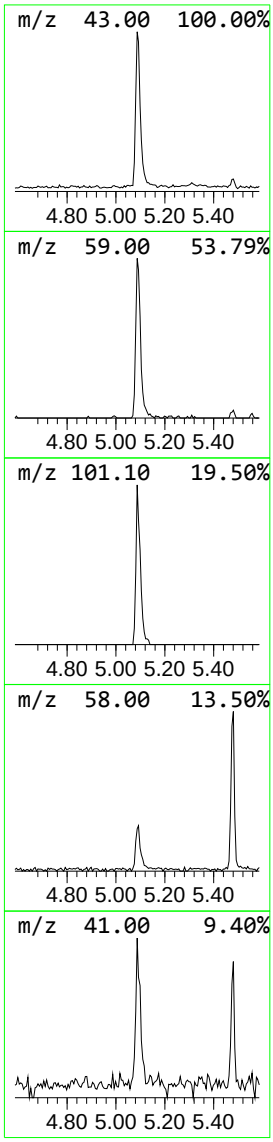
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	2.85 ng	105247	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	43
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
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BNA_F
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SB-6-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

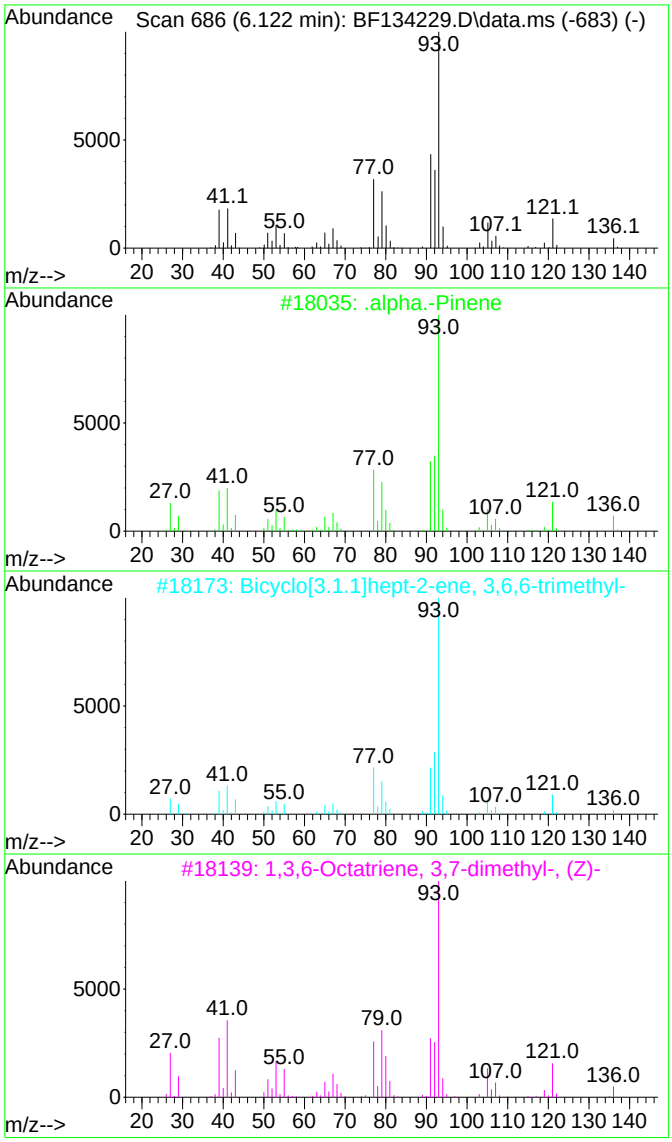
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

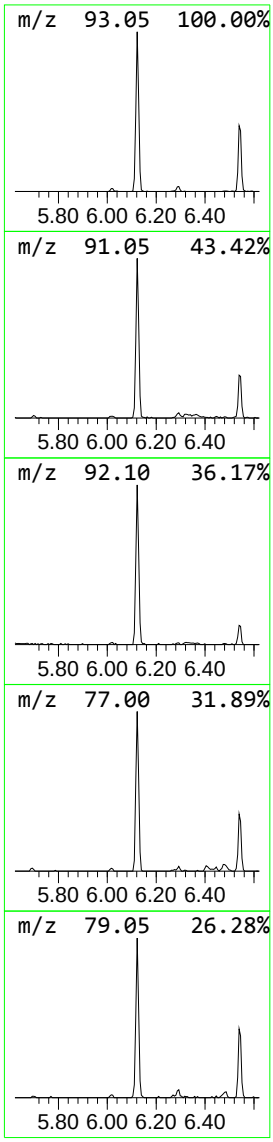
****

Peak Number 3 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.122	8.80 ng	325193	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	91
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	.gamma.-Terpinene	136	C10H16	000099-85-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134229.D
Acq On : 12 Jul 2023 00:07
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Sample : 03358-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(0-2)

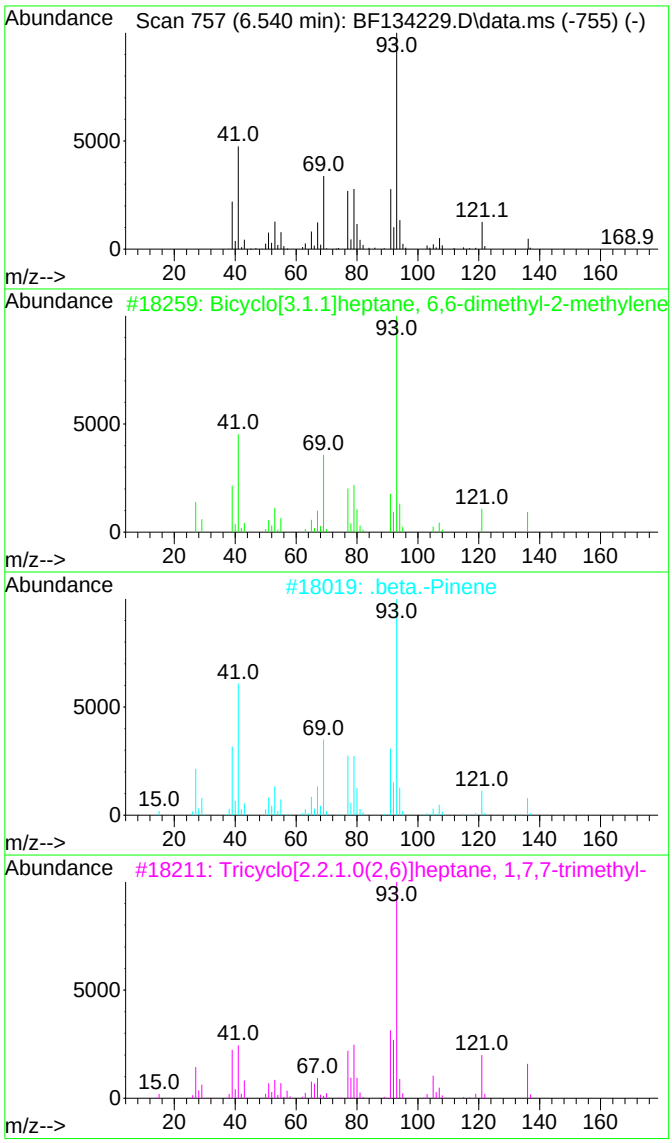
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

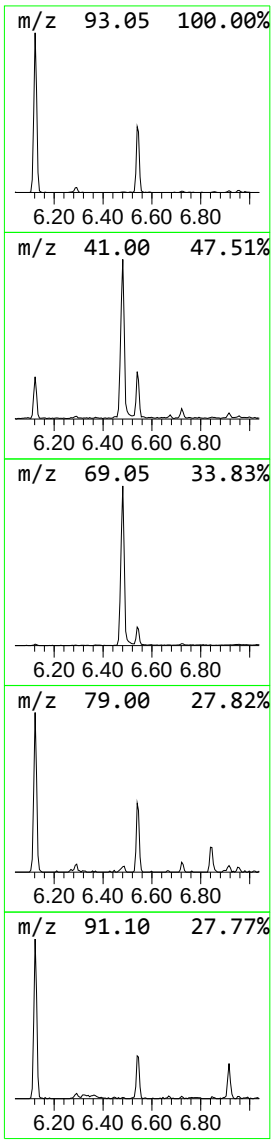
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.540	4.18 ng	154655	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	87
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
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Sample : 03358-07
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

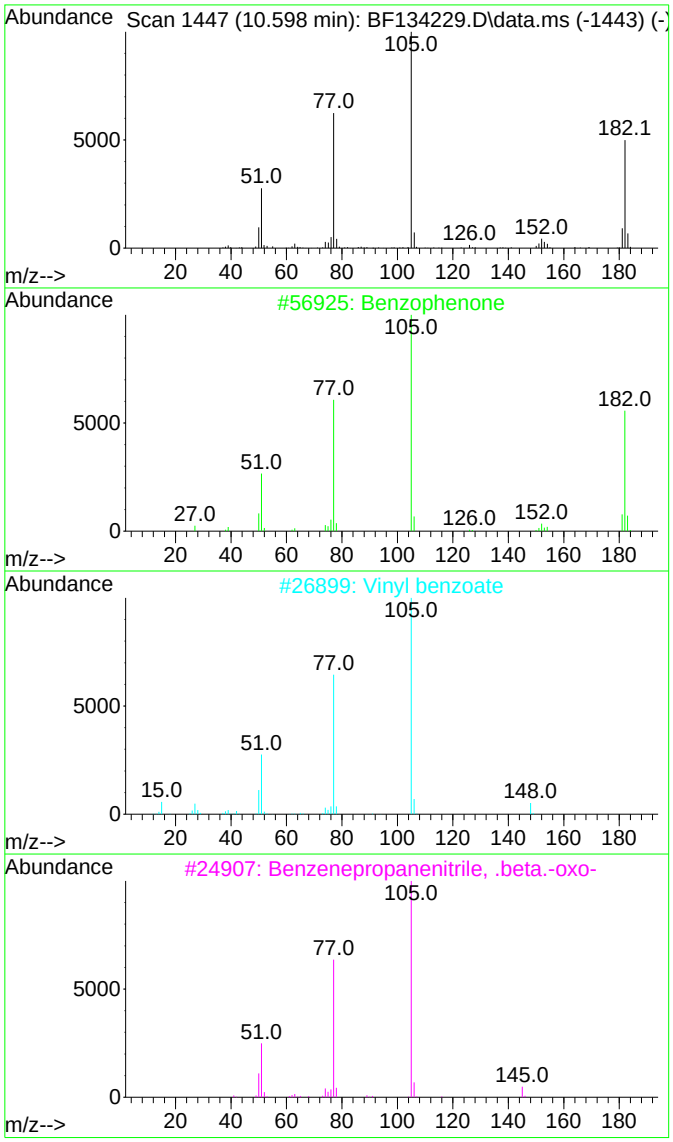
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

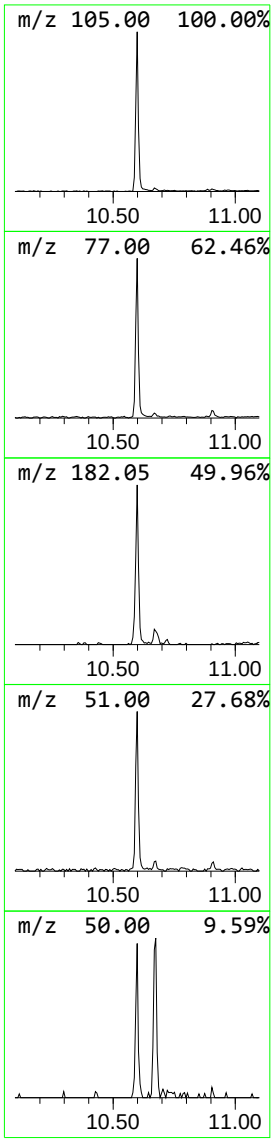
****

Peak Number 5 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	3.88 ng	175081	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Vinyl benzoate	148	C9H8O2	000769-78-8	47
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	47





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BNA_F
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SB-6-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

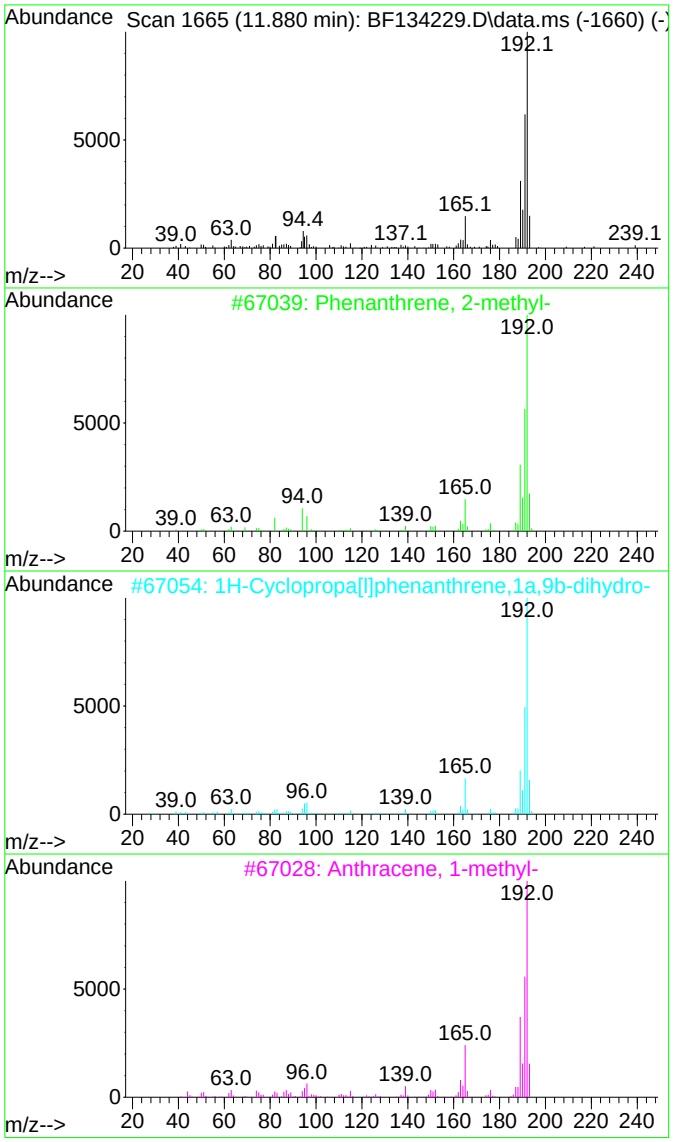
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

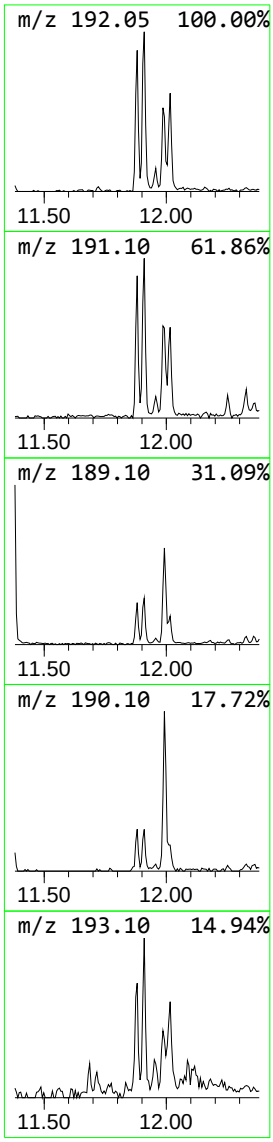
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	2.84 ng	102818	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134229.D
Acq On : 12 Jul 2023 00:07
Operator : CG\JU
Sample : 03358-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

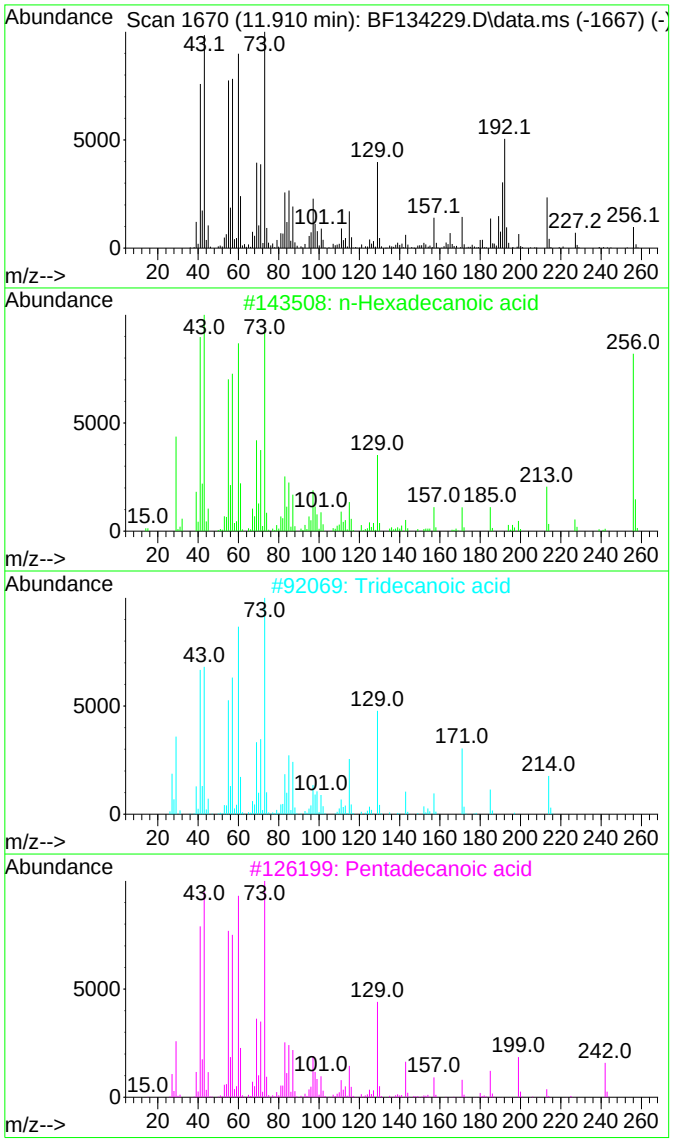
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

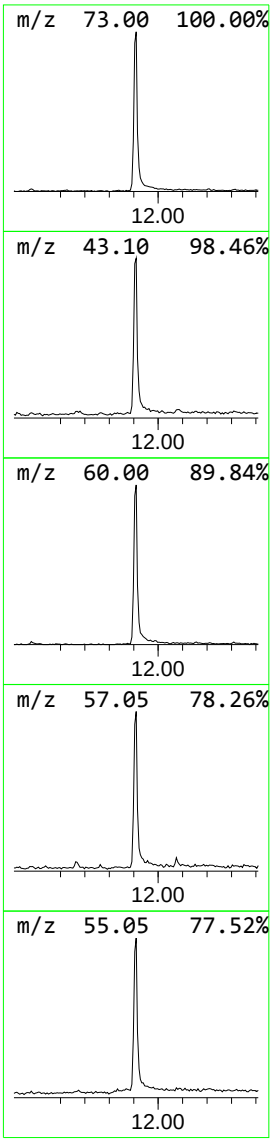
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	20.53 ng	744026	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59





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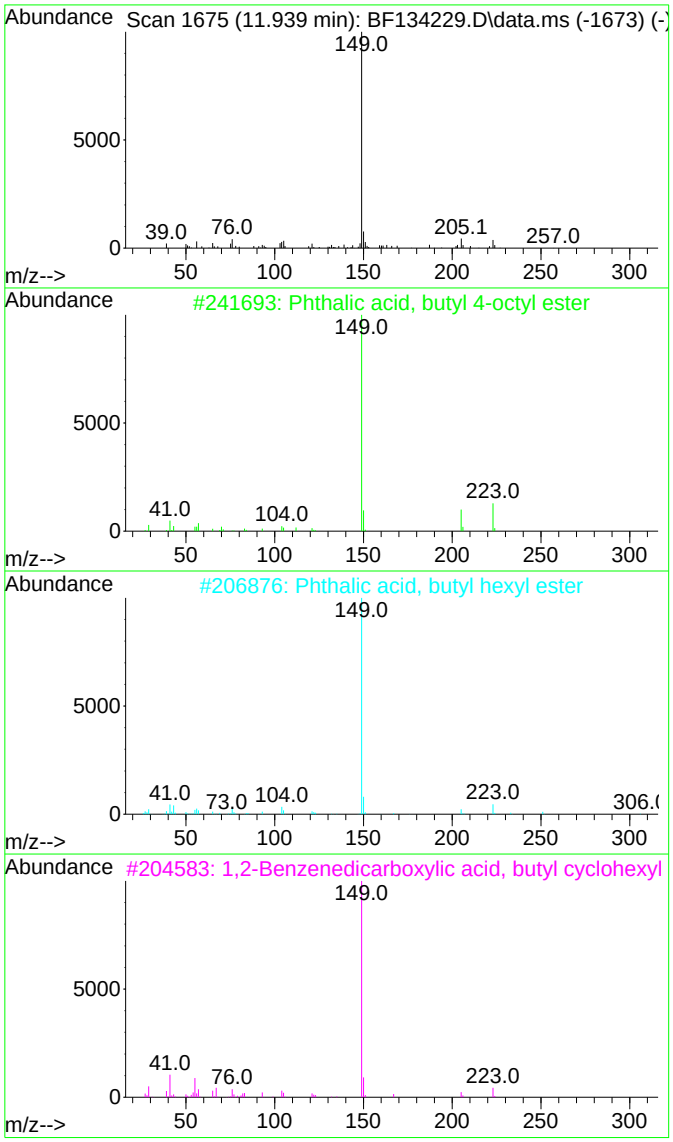
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

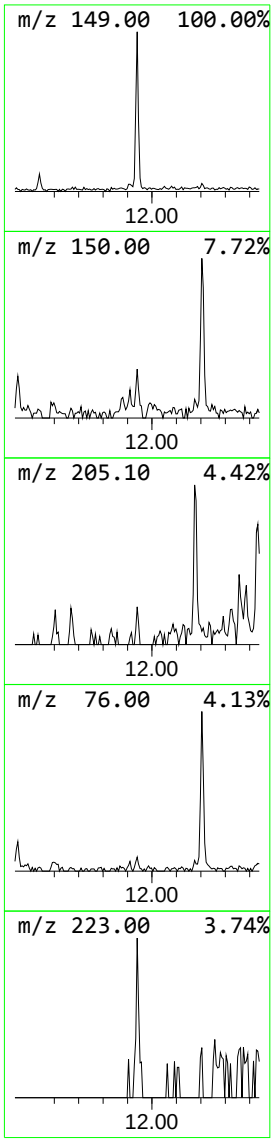
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phthalic acid, butyl 4-octy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.36 ng	85423	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, butyl 4-octyl ester	334	C20H30O4	1000314-83-8	72
2	Phthalic acid, butyl hexyl ester	306	C18H26O4	1010308-99-5	72
3	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	72
4	Phthalic acid, isobutyl pent-4-e...	290	C17H22O4	1000360-46-0	72
5	1,4-Dibutyl benzene-1,4-dicarbox...	278	C16H22O4	001962-75-0	72





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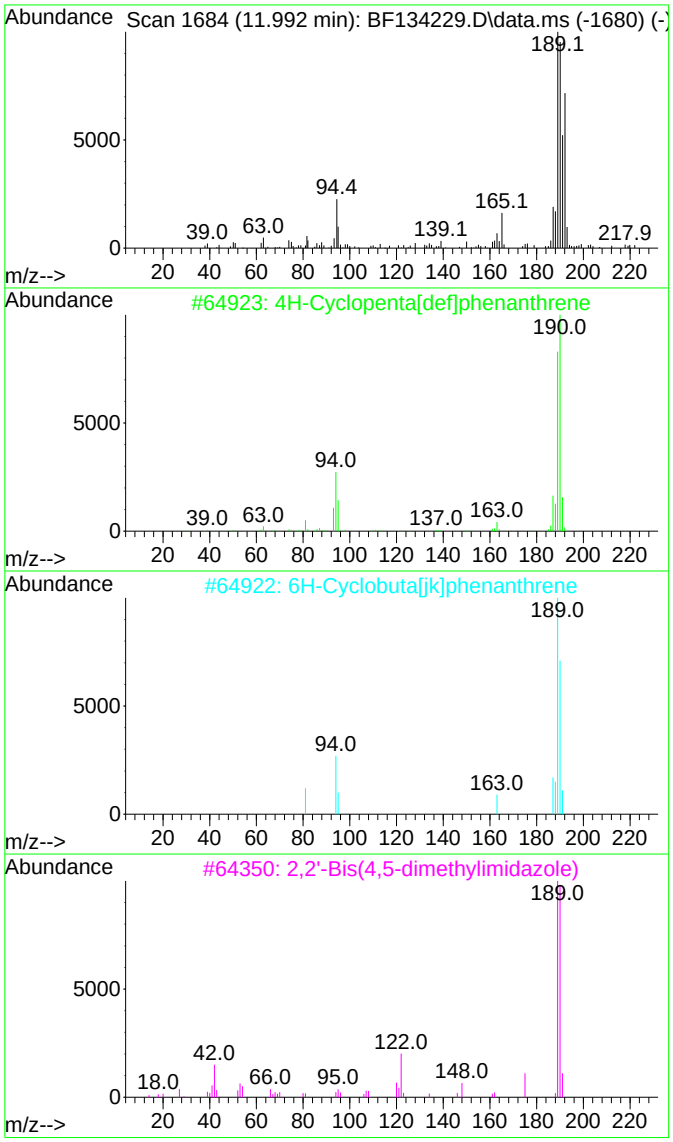
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

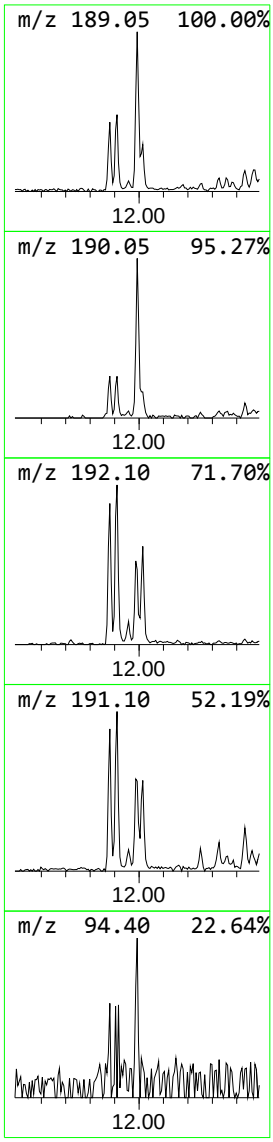
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	3.13 ng	113363	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	30





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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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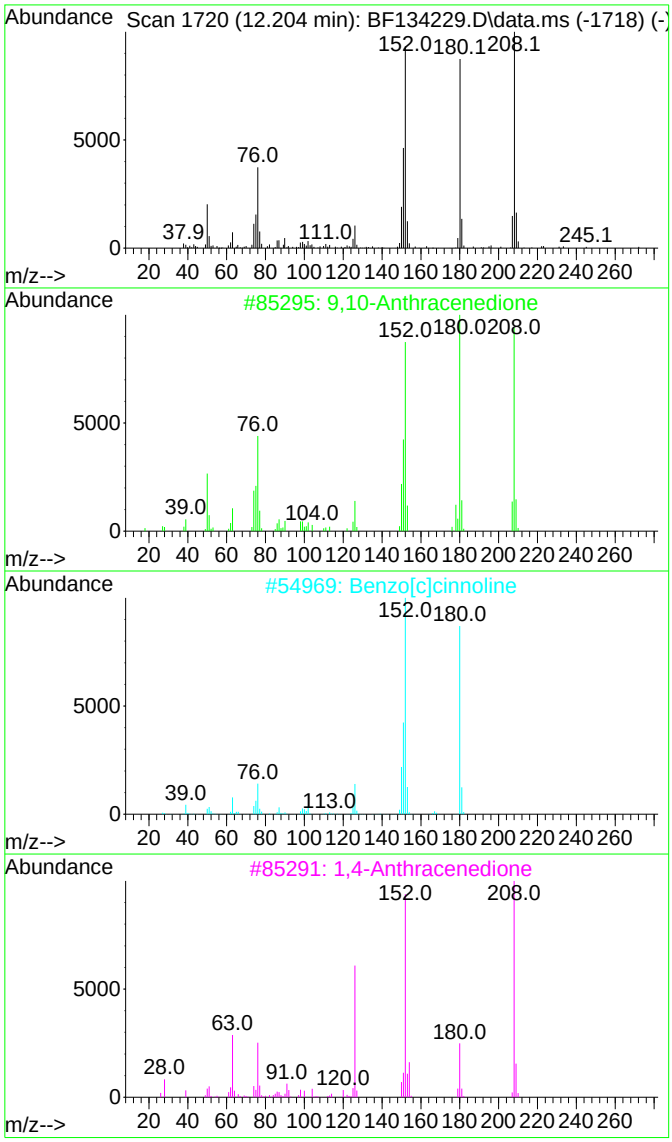
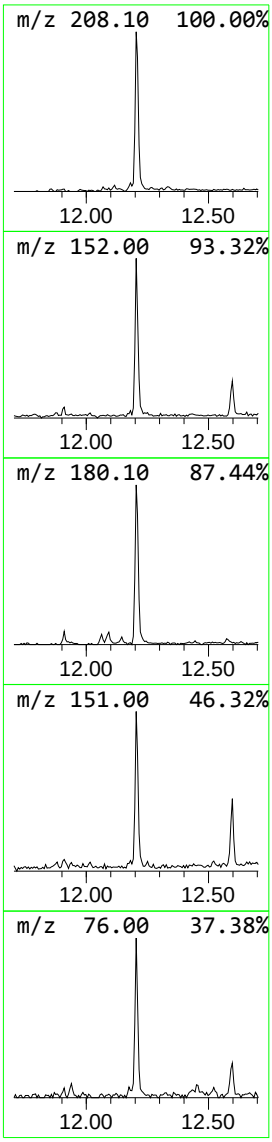
Peak Number 10 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	4.57 ng	165628	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	45





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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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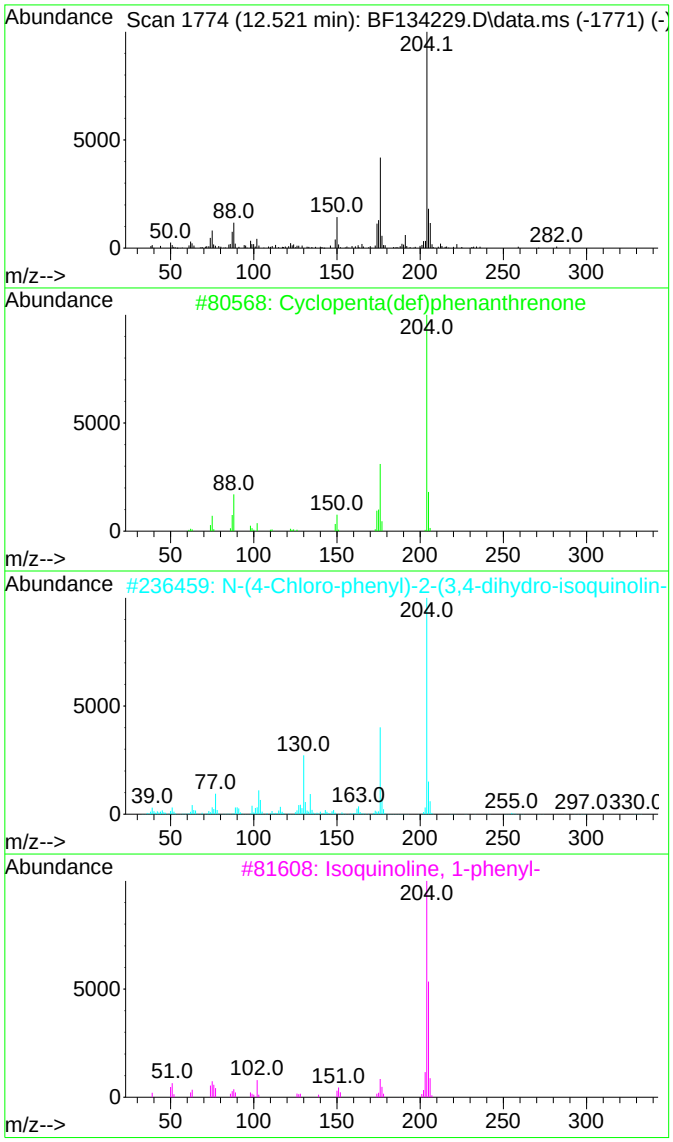
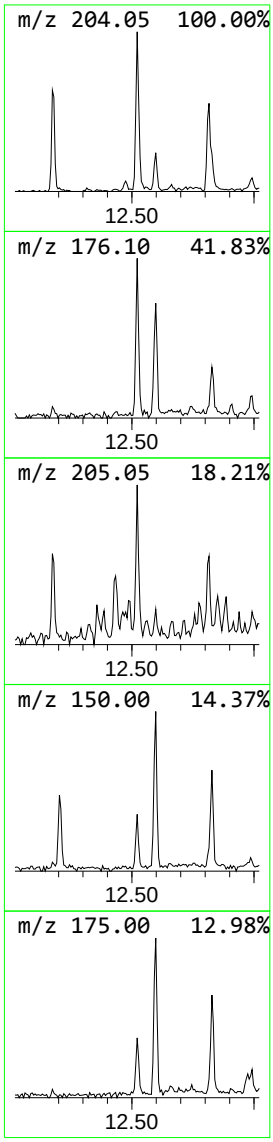
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	2.49 ng	90358	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
3	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	56
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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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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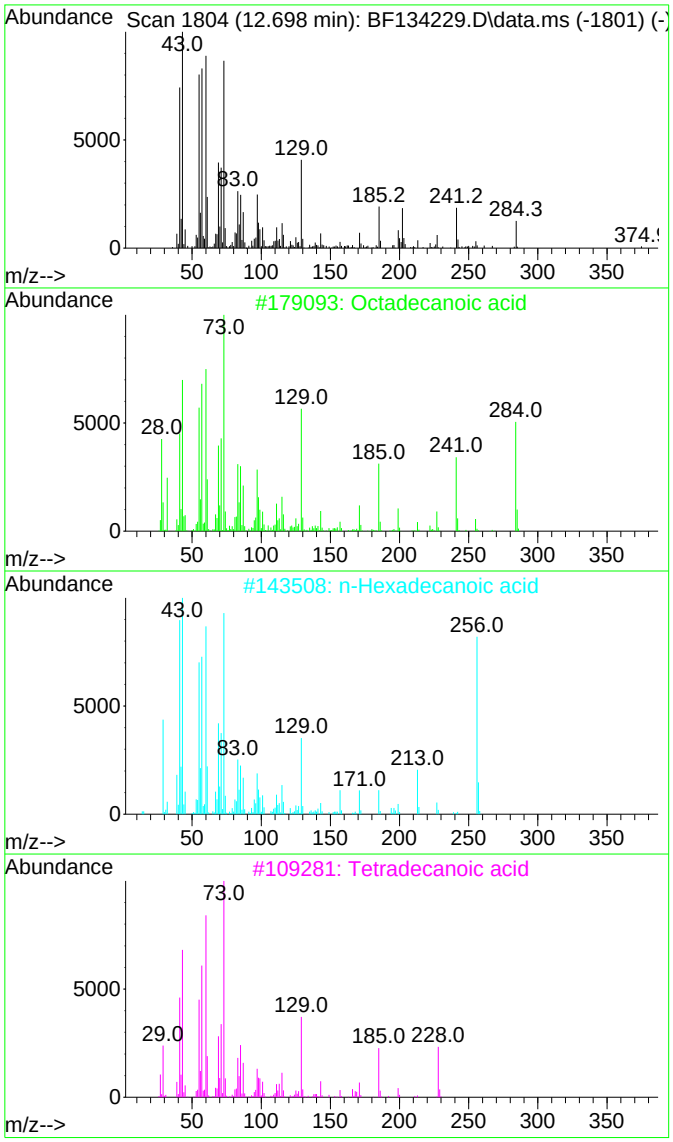
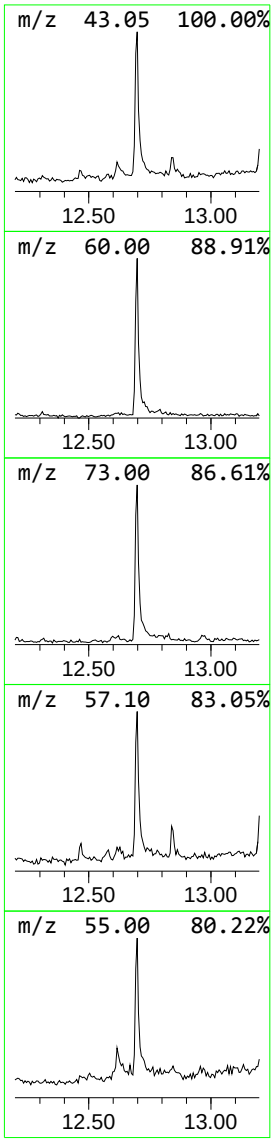
Peak Number 12 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	7.26 ng	263257	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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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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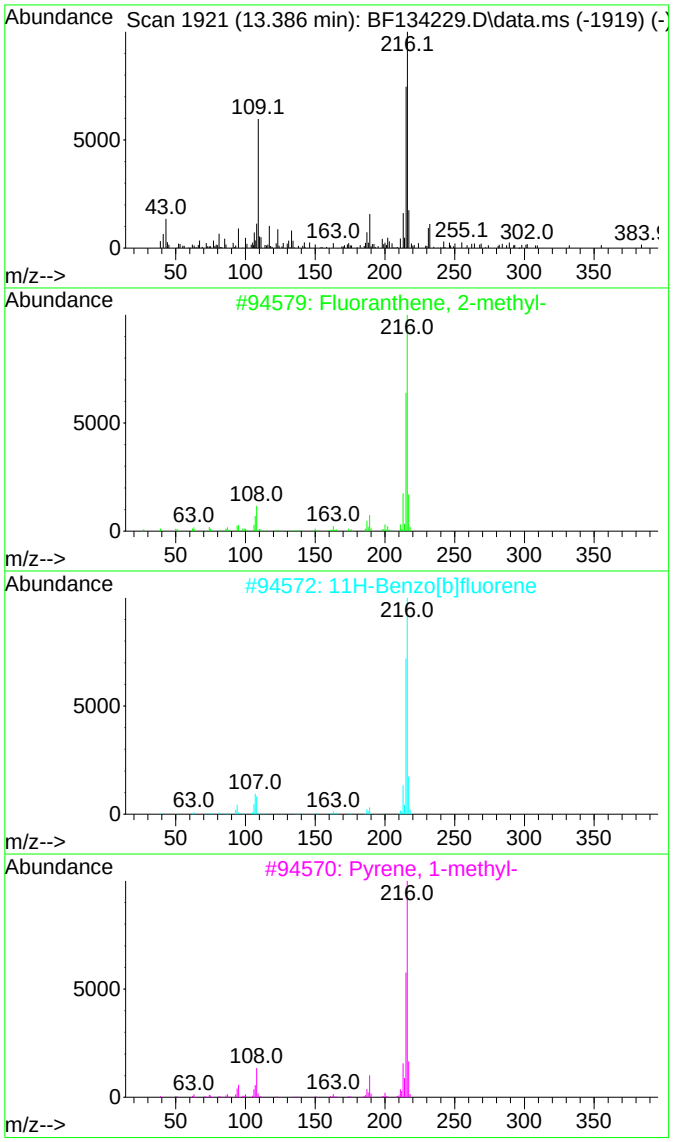
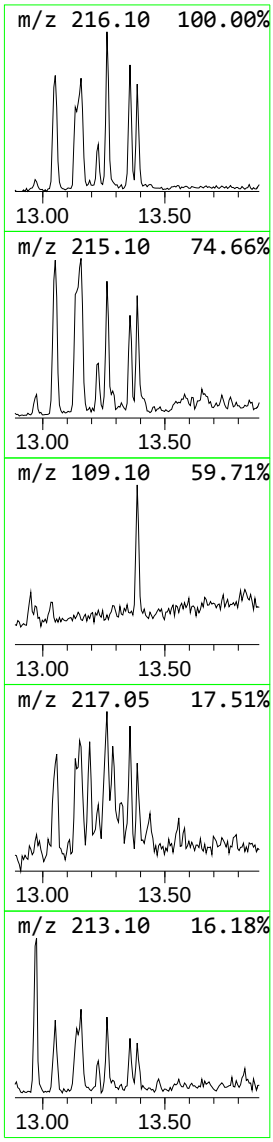
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.386	2.63 ng	102931	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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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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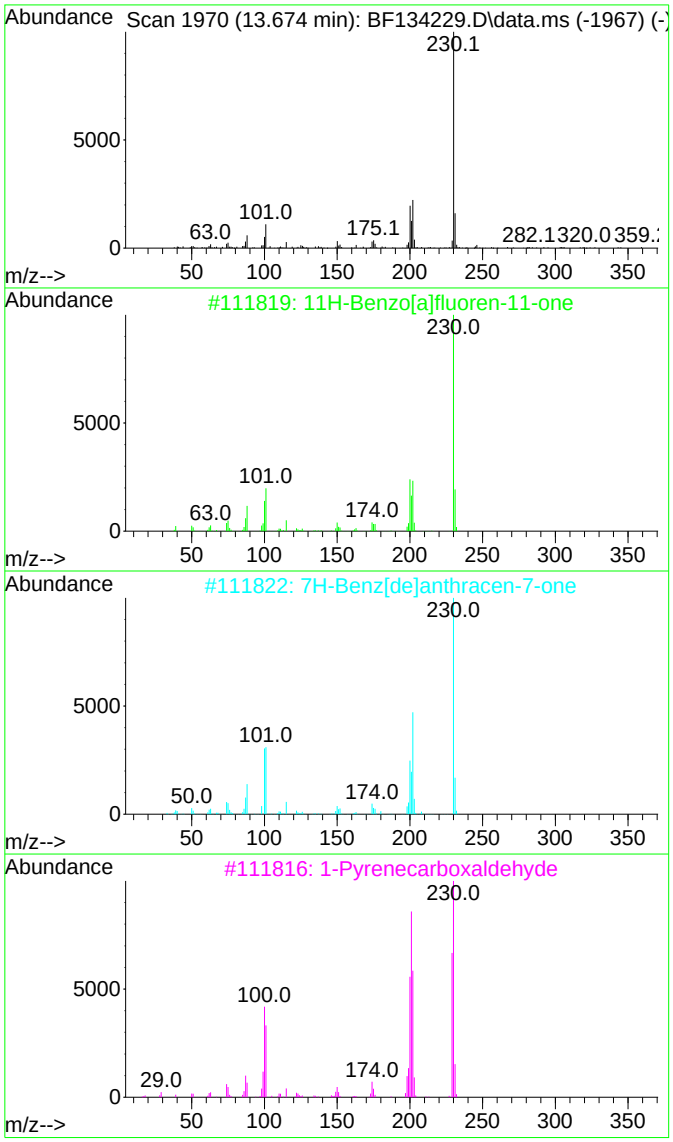
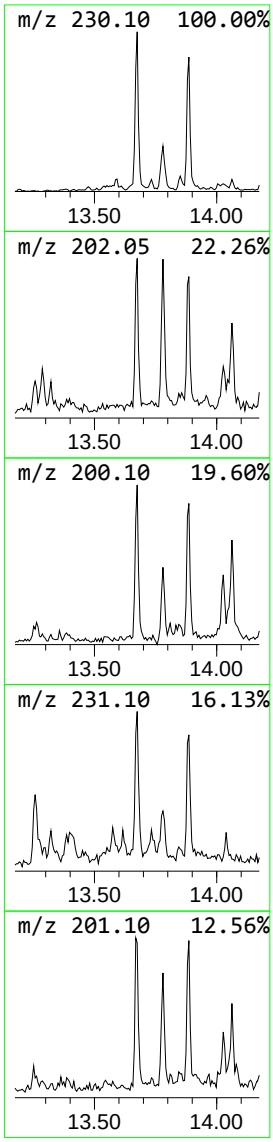
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	3.28 ng	128458	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	o-Terphenyl	230	C18H14	000084-15-1	58
5	Ferrocene, (2-hydroxyethyl)-	230	C12H14FeO	001273-90-1	53





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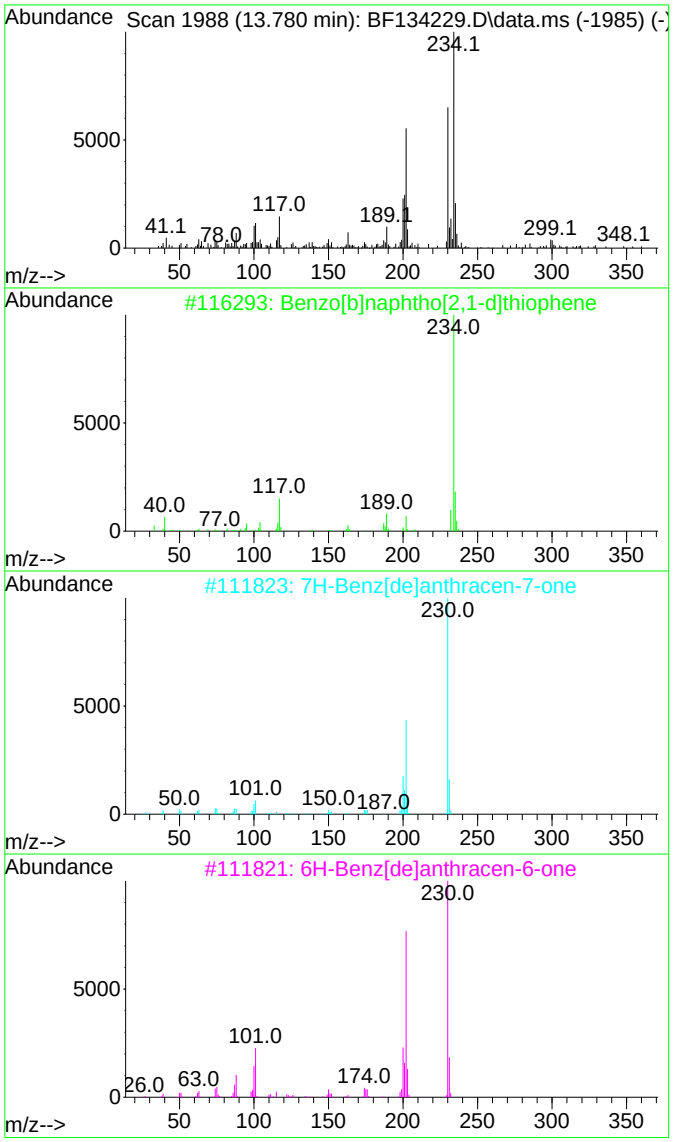
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

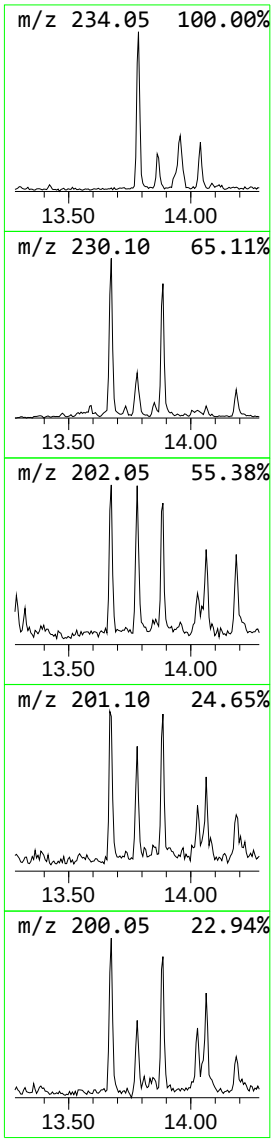
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	3.17 ng	123934	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	56
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	45
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	41





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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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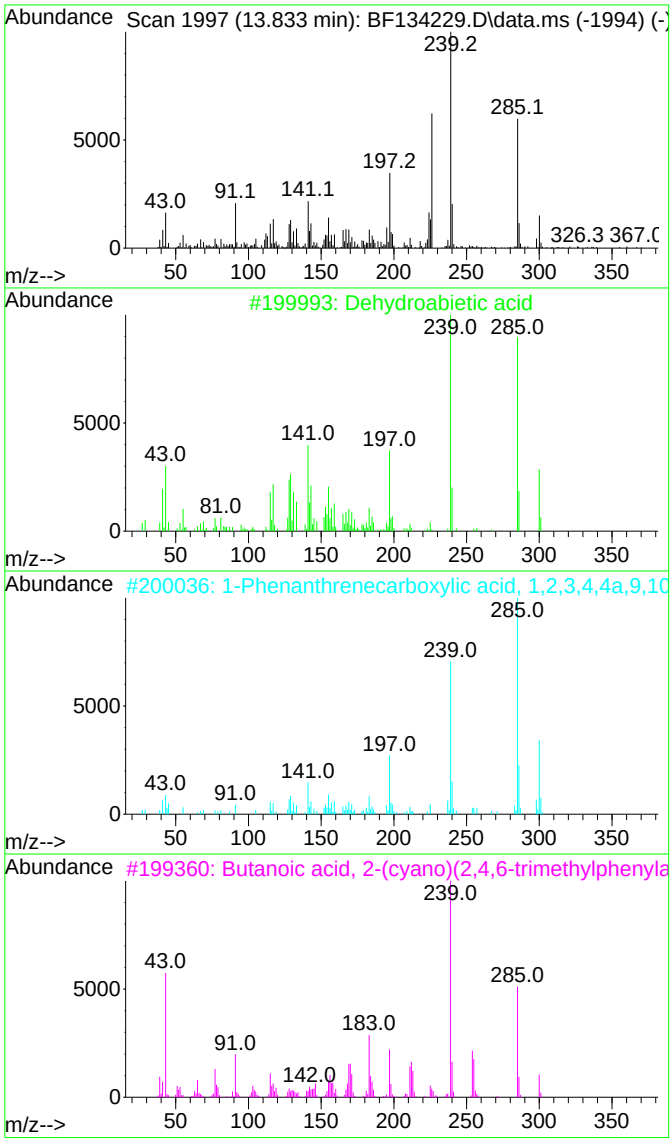
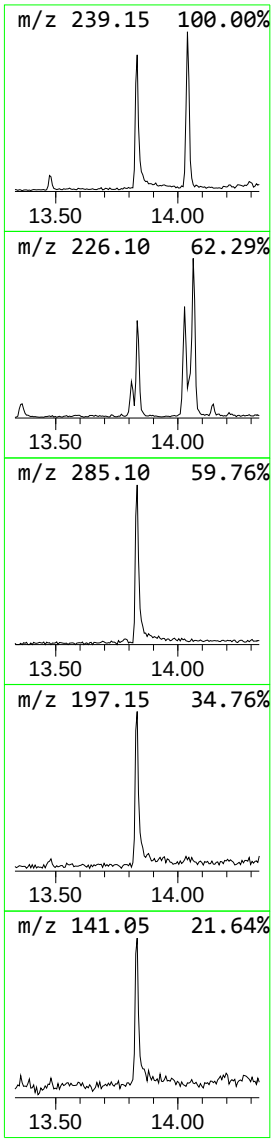
Peak Number 16 Dehydroabietic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	7.57 ng	295990	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
3	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	64
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	46
5	4-Amino-2-(5-methyl-2-benzimidaz...	239	C14H13N3O	1000258-88-5	42





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TIC Library : C:\Database\NIST20.L
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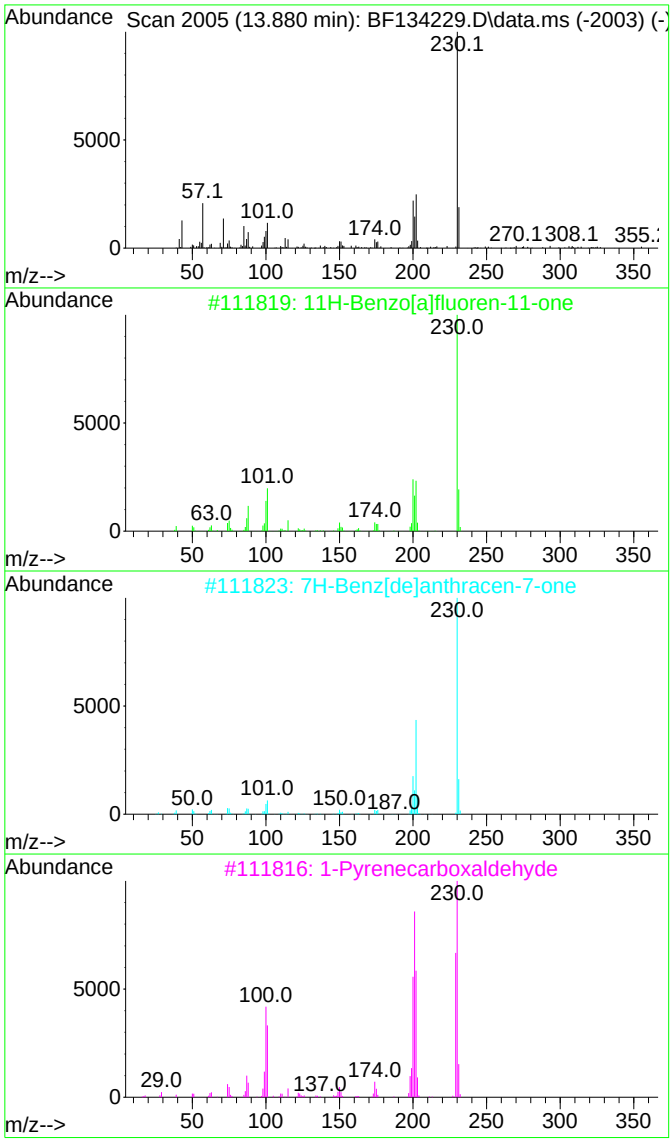
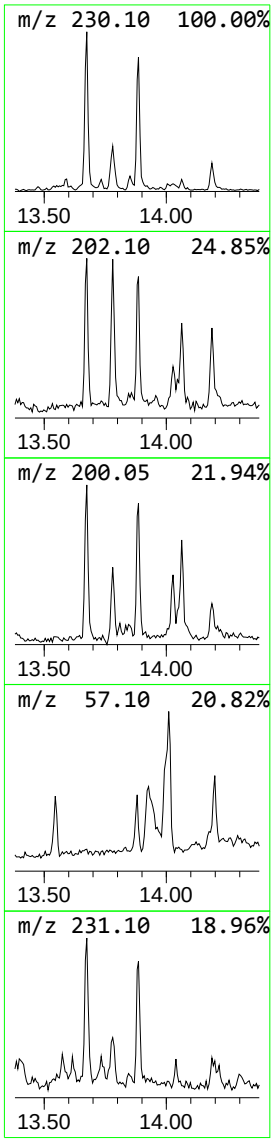
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	2.89 ng	112947	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	o-Terphenyl	230	C18H14	000084-15-1	53





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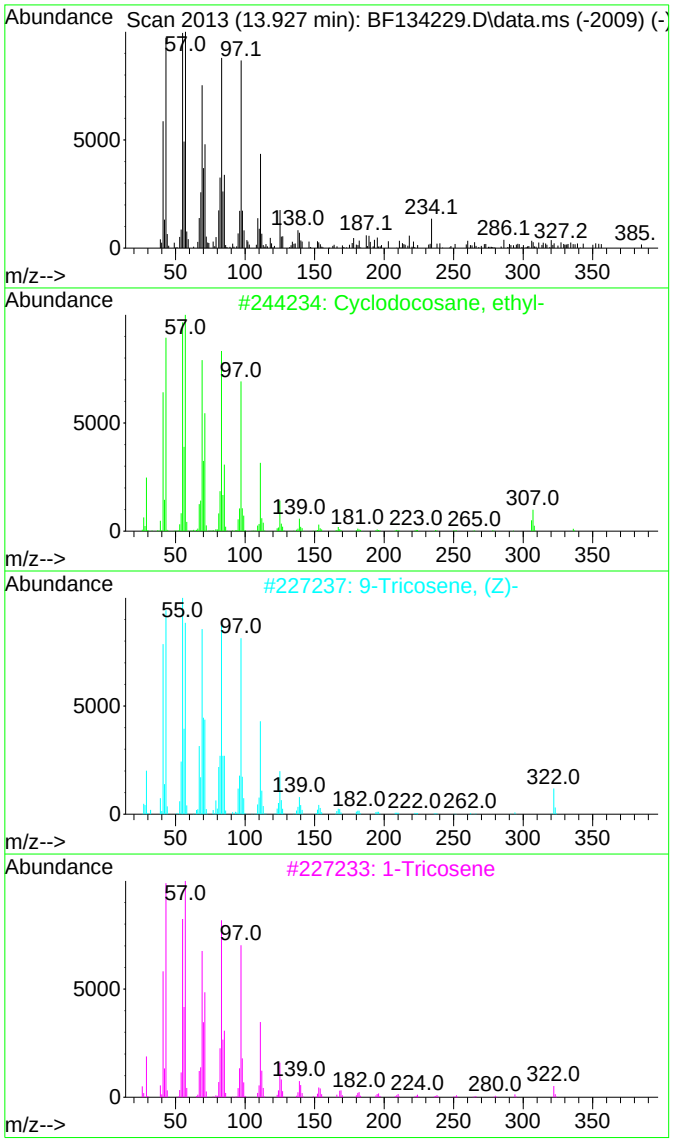
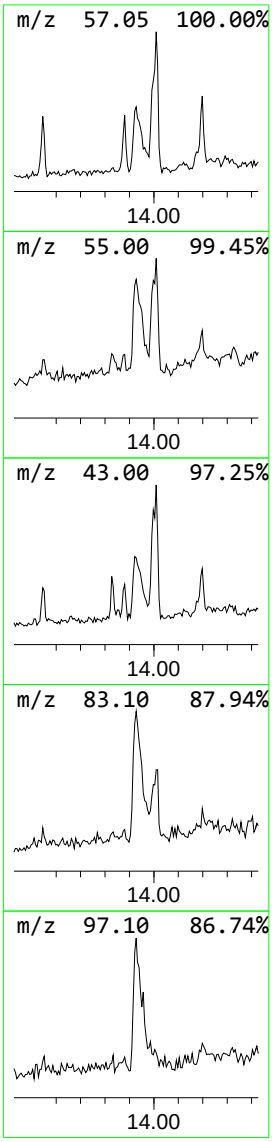
Peak Number 18 Cyclodocosane, ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	4.96 ng	193956	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	94
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	1-Tricosene	322	C23H46	018835-32-0	93
4	1-Nonadecene	266	C19H38	018435-45-5	93
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	91





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Acq On : 12 Jul 2023 00:07
Operator : CG\JU
Sample : 03358-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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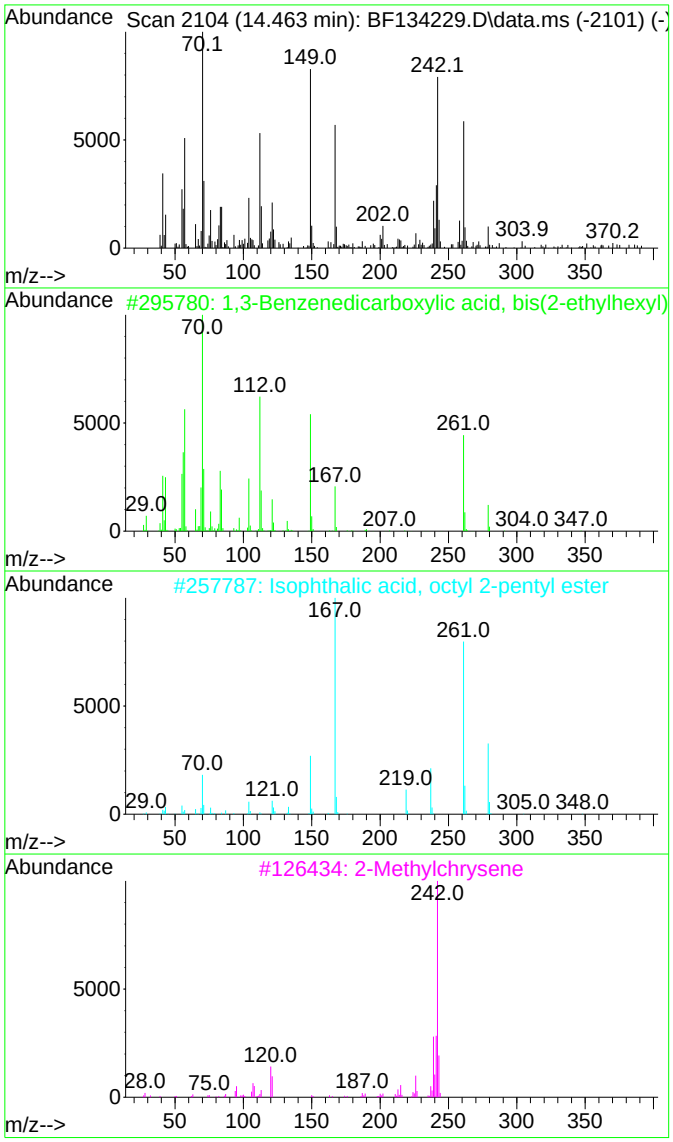
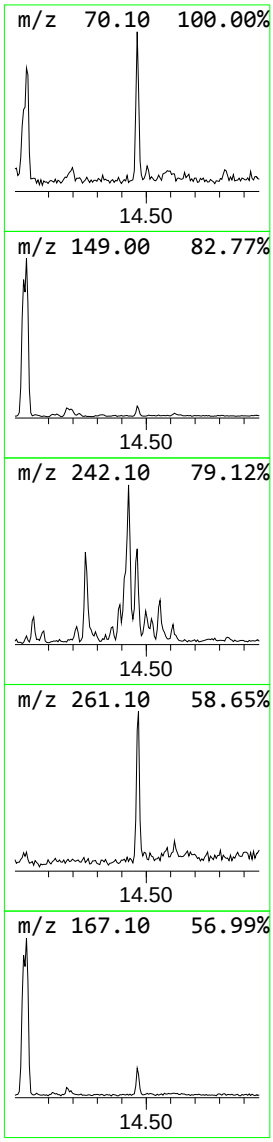
Peak Number 19 unknown14.463 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	4.69 ng	183356	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
2	Isophthalic acid, octyl 2-pentyl...	348	C21H32O4	1000344-05-1	30
3	2-Methylchrysene	242	C19H14	003351-32-4	25
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	25
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134229.D
Acq On : 12 Jul 2023 00:07
Operator : CG\JU
Sample : 03358-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

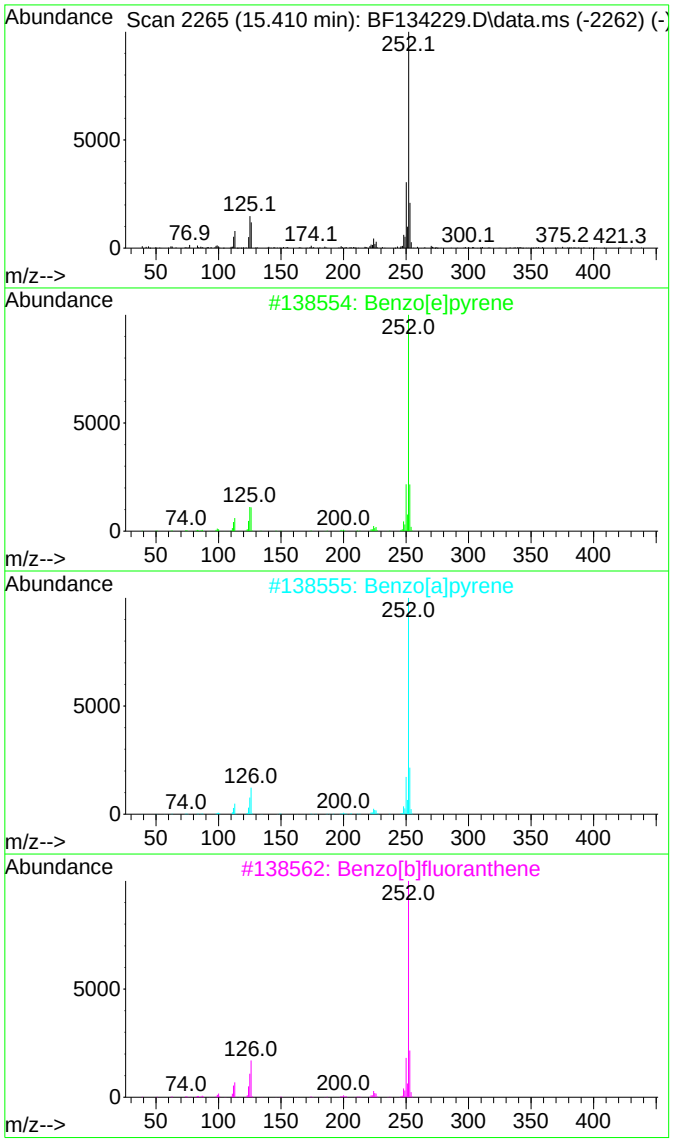
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

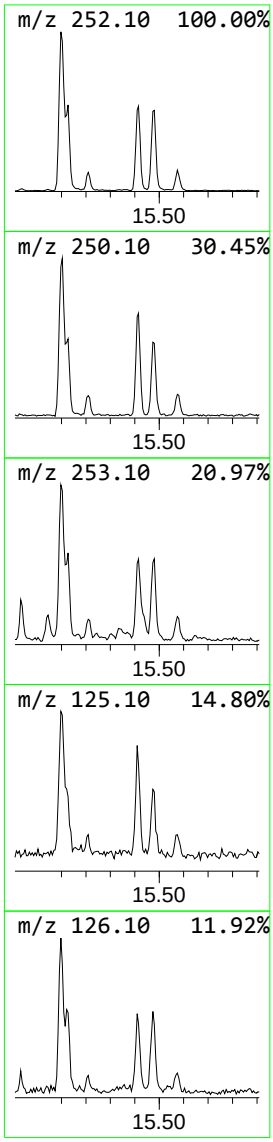
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	13.32 ng	255112	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134229.D
Acq On : 12 Jul 2023 00:07
Operator : CG\JU
Sample : 03358-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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...	2.140	51.1	ng	1890390	1	6.845	739364	20.0
2-Pentanone, 4-...	5.087	2.9	ng	105247	1	6.845	739364	20.0
.alpha.-Pinene	6.122	8.8	ng	325193	1	6.845	739364	20.0
Bicyclo[3.1.1]h...	6.540	4.2	ng	154655	1	6.845	739364	20.0
Benzophenone	10.598	3.9	ng	175081	3	9.880	903407	20.0
Phenanthrene, 2...	11.880	2.8	ng	102818	4	11.374	724944	20.0
n-Hexadecanoic ...	11.910	20.5	ng	744026	4	11.374	724944	20.0
Phthalic acid, ...	11.939	2.4	ng	85423	4	11.374	724944	20.0
4H-Cyclopenta[d...	11.992	3.1	ng	113363	4	11.374	724944	20.0
9,10-Anthracene...	12.204	4.6	ng	165628	4	11.374	724944	20.0
Cyclopenta(def)...	12.522	2.5	ng	90358	4	11.374	724944	20.0
Octadecanoic acid	12.698	7.3	ng	263257	4	11.374	724944	20.0
Fluoranthene, 2...	13.386	2.6	ng	102931	5	14.039	782198	20.0
11H-Benzo[a]flu...	13.674	3.3	ng	128458	5	14.039	782198	20.0
Benzo[b]naphtho...	13.780	3.2	ng	123934	5	14.039	782198	20.0
Dehydroabietic ...	13.833	7.6	ng	295990	5	14.039	782198	20.0
7H-Benz[de]anth...	13.880	2.9	ng	112947	5	14.039	782198	20.0
Cyclodocosane, ...	13.927	5.0	ng	193956	5	14.039	782198	20.0
unknown14.463	14.463	4.7	ng	183356	5	14.039	782198	20.0
Benzo[e]pyrene	15.410	13.3	ng	255112	6	15.545	383100	20.0