LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131792.D
Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-122022

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-BF122022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131792.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.893	302	307	314	rVB	21752	28501	1.22%	0.133%
2	5.063	500	506	513	rVB	645590	857894	36.77%	4.005%
3	5.469	570	575	578	rBV	2246059	2012714	86.26%	9.396%
4	6.487	743	748	751	rBV	1881303	2083602	89.29%	9.727%
5	6.857	807	811	814	rBV	591028	522137	22.38%	2.438%
6	6.916	817	821	826	rBV	44192	45075	1.93%	0.210%
7	7.428	903	908	910	rBV	1398901	1329100	56.96%	6.205%
8	8.145	1026	1030	1033	rBV	794681	615727	26.39%	2.874%
9	9.228	1209	1214	1217	rBV	2891873	2333406	100.00%	10.893%
10	9.298	1223	1226	1229	rBV	36642	28423	1.22%	0.133%
11	9.498	1255	1260	1263	rBV2	50070	45306	1.94%	0.212%
12	9.769	1302	1306	1309	rBV	38749	32622	1.40%	0.152%
13	9.904	1326	1329	1333	rVB	804588	649763	27.85%	3.033%
14	10.110	1358	1364	1368	rVB2	27867	28531	1.22%	0.133%
15	10.457	1419	1423	1429	rVB	38105	39634	1.70%	0.185%
16	10.622	1446	1451	1457	rVB	244581	195079	8.36%	0.911%
17	10.698	1460	1464	1467	rBV	1401418	1161292	49.77%	5.421%
18	10.804	1479	1482	1488	rVB4	31819	46632	2.00%	0.218%
19	11.257	1553	1559	1561	rBV3	26208	31106	1.33%	0.145%
20	11.292	1561	1565	1570	rVB2	30582	37665	1.61%	0.176%
21	11.398	1579	1583	1585	rBV	712856	568131	24.35%	2.652%
22	11.422	1585	1587	1590	rVV	392834	287796	12.33%	1.344%
23	11.475	1590	1596	1599	rVV	84021	77902	3.34%	0.364%
24	11.633	1619	1623	1626	rBV	38994	38250	1.64%	0.179%
25	11.686	1629	1632	1635	rBV2	21088	27739	1.19%	0.129%
26	11.786	1646	1649	1652	rBV	266270	210669	9.03%	0.983%
27	11.898	1665	1668	1670	rBV	57809	57179	2.45%	0.267%
28	11.927	1670	1673	1677	rVB2	163439	163118	6.99%	0.762%
29	12.016	1684	1688	1690	rBV2	73777	87024	3.73%	0.406%
30	12.033	1690	1691	1695	rVB	44378	32651	1.40%	0.152%
31	12.092	1698	1701	1706	rBV3	38037	47320	2.03%	0.221%
32	12.198	1716	1719	1721	rBV	43039	38413	1.65%	0.179%
33	12.227	1721	1724	1726	rVB	68621	64175	2.75%	0.300%
34	12.380	1747	1750	1752	rBV2	28252	28639	1.23%	0.134%
35	12.451	1758	1762	1764	rBV2	56624	68502	2.94%	0.320%
36	12.480	1764	1767	1769	rVV	1014236	977060	41.87%	4.561%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131792.D
Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-122022

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-BF122022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.498	1769	1770	1775	rVV2	590757	421626	18.07%	1.968%
38	12.539	1775	1777	1781	rVV	93918	85247	3.65%	0.398%
39	12.586	1781	1785	1787	rVV2	99123	96174	4.12%	0.449%
40	12.616	1787	1790	1795	rVB	642007	544694	23.34%	2.543%
41	12.710	1803	1806	1809	rBV4	33019	33633	1.44%	0.157%
42	12.845	1824	1829	1835	rBV	540555	605229	25.94%	2.825%
43	12.898	1835	1838	1842	rVB2	33132	43469	1.86%	0.203%
44	12.992	1850	1854	1857	rBV	1938401	1546947	66.30%	7.222%
45	13.063	1863	1866	1871	rBV2	36392	57589	2.47%	0.269%
46	13.151	1878	1881	1882	rBV2	44733	40873	1.75%	0.191%
47	13.174	1883	1885	1888	rVB	64661	60354	2.59%	0.282%
48	13.216	1888	1892	1894	rBV	73024	77436	3.32%	0.362%
49	13.239	1894	1896	1899	rVB	39978	35257	1.51%	0.165%
50	13.280	1899	1903	1906	rBV2	70524	77476	3.32%	0.362%
51	13.404	1922	1924	1927	rBV	35845	35930	1.54%	0.168%
52	13.527	1942	1945	1947	rBV	74753	63569	2.72%	0.297%
53	13.557	1947	1950	1953	rVV	61320	57682	2.47%	0.269%
54	13.686	1969	1972	1976	rVB	58059	53313	2.28%	0.249%
55	13.798	1989	1991	1993	rVB2	45346	34484	1.48%	0.161%
56	13.851	1998	2000	2001	rBV	32003	28907	1.24%	0.135%
57	13.892	2004	2007	2018	rBV7	129573	251054	10.76%	1.172%
58	14.051	2029	2034	2036	rBV2	590711	688418	29.50%	3.214%
59	14.074	2036	2038	2045	rVB	230030	216562	9.28%	1.011%
60	14.145	2046	2050	2054	rBV3	100093	129018	5.53%	0.602%
61	14.210	2058	2061	2066	rVB3	75866	84983	3.64%	0.397%
62	14.510	2110	2112	2115	rBV2	76349	77388	3.32%	0.361%
63	14.827	2163	2166	2168	rBV	71114	60853	2.61%	0.284%
64	15.104	2210	2213	2216	rBV	159750	201988	8.66%	0.943%
65	15.168	2222	2224	2229	rVB2	76097	84913	3.64%	0.396%
66	15.415	2263	2266	2272	rVB	90116	115109	4.93%	0.537%
67	15.480	2273	2277	2282	rVB	130126	180578	7.74%	0.843%
68	15.545	2284	2288	2296	rVV	273758	430959	18.47%	2.012%

Sum of corrected areas: 21420489

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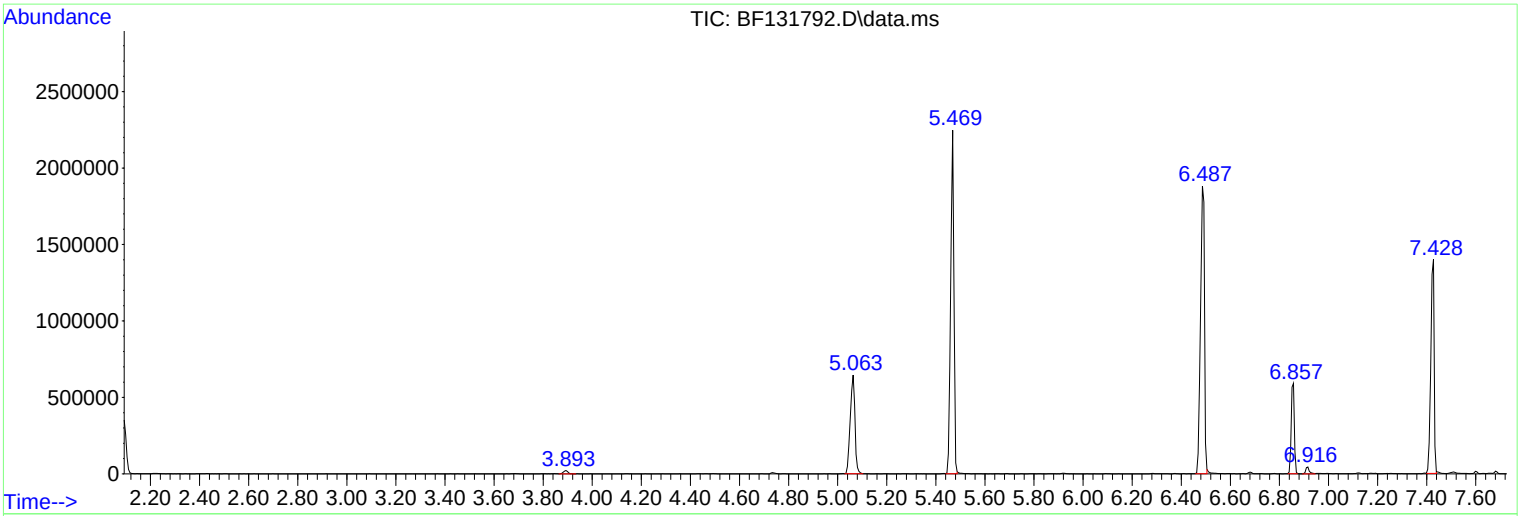
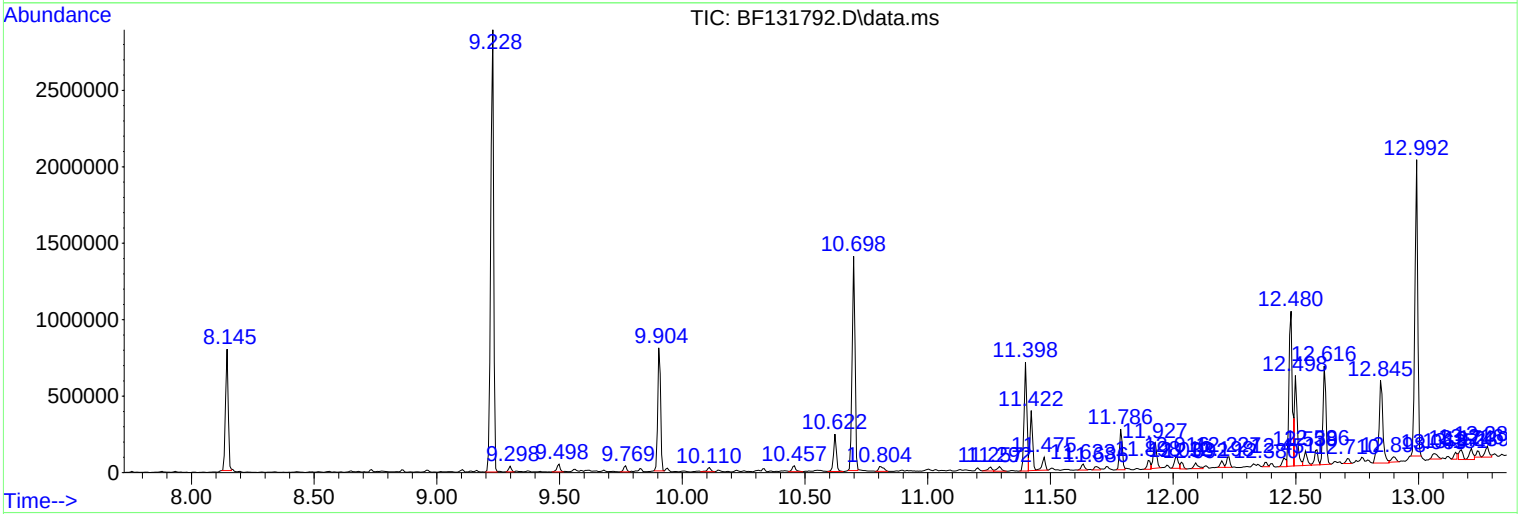
Misc :
ALS Vial : 15 Sample Multiplier: 1

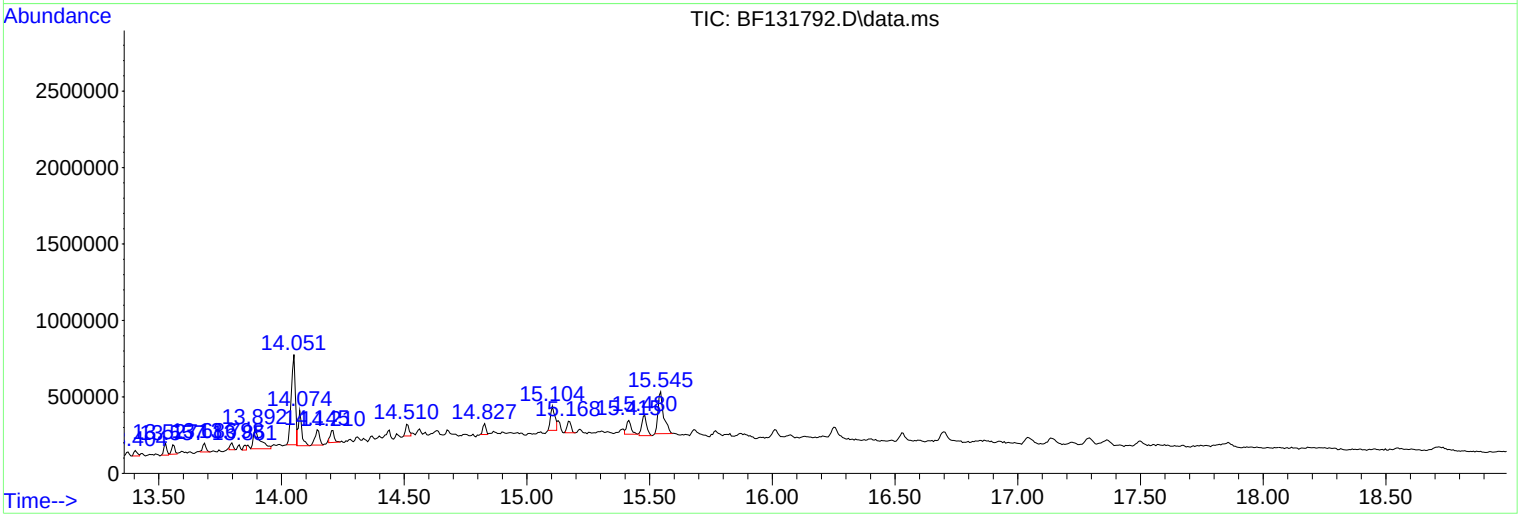
Instrument :
BNA_F
ClientSampleId :
TR-06-122022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.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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Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
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Instrument :
BNA_F
ClientSampleId :
TR-06-122022

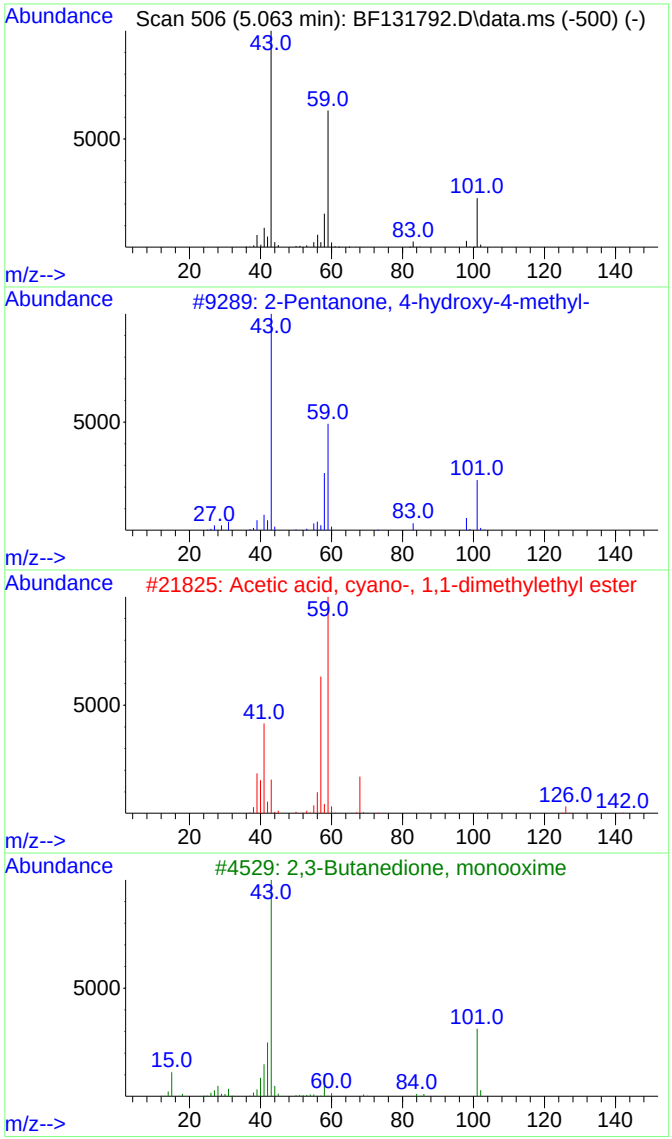
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

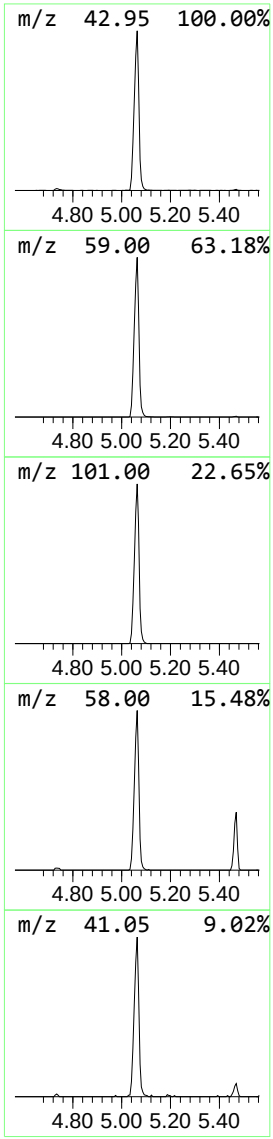
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	32.86 ng	857894	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131792.D
Acq On : 22 Dec 2022 23:30
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Sample : N6163-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-122022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

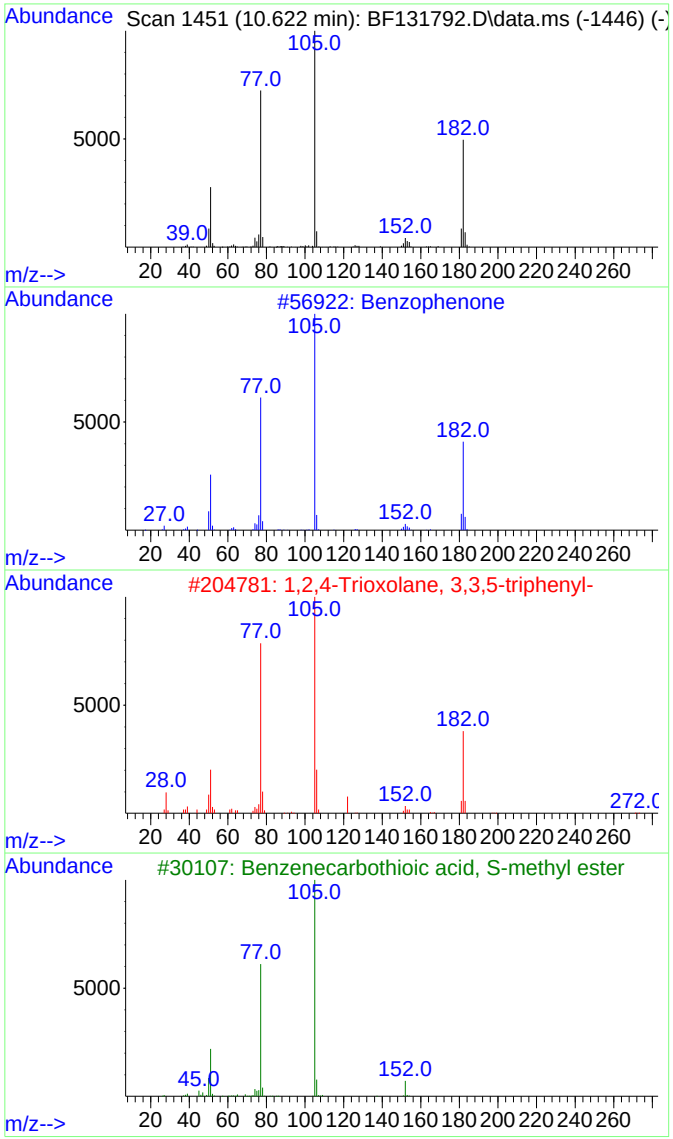
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

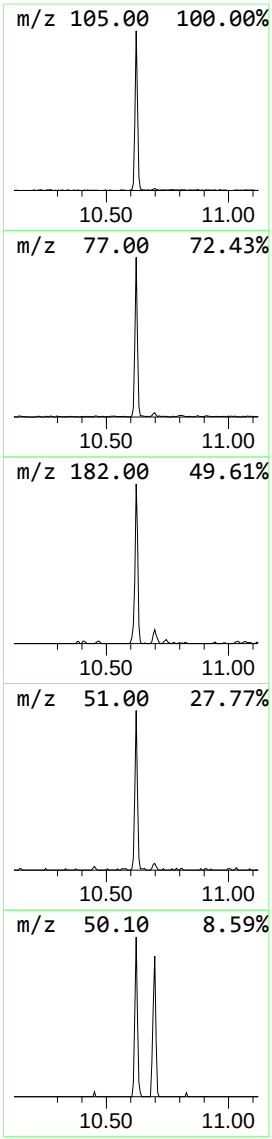
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	6.00 ng	195079	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
4	Benzilic acid	228	C14H12O3	000076-93-7	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-122022

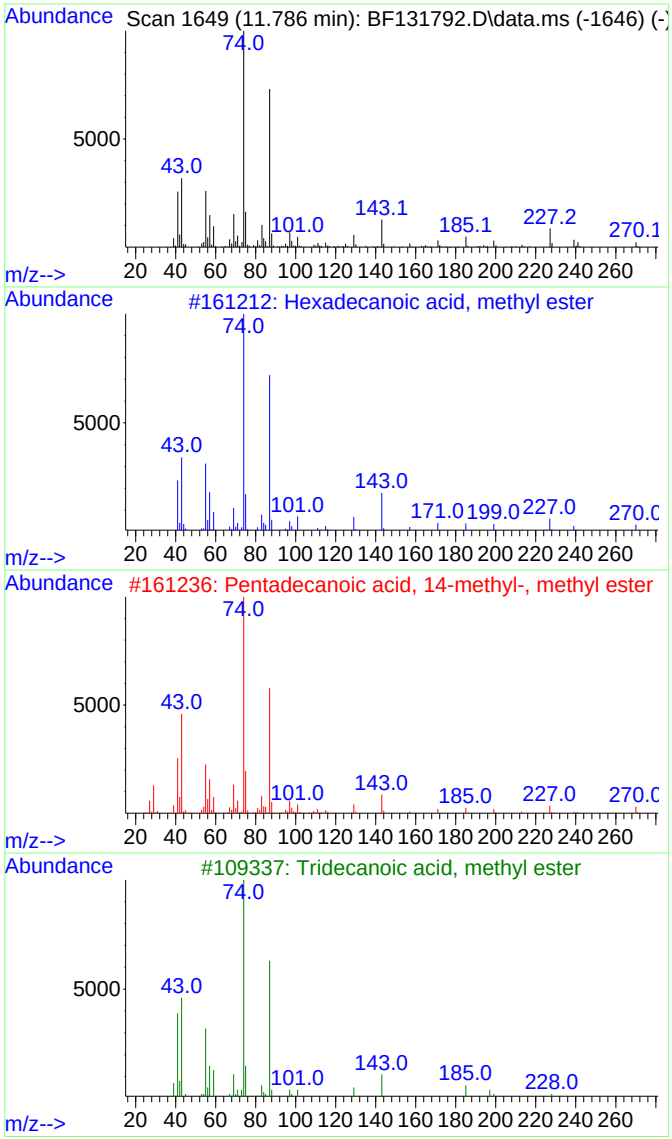
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

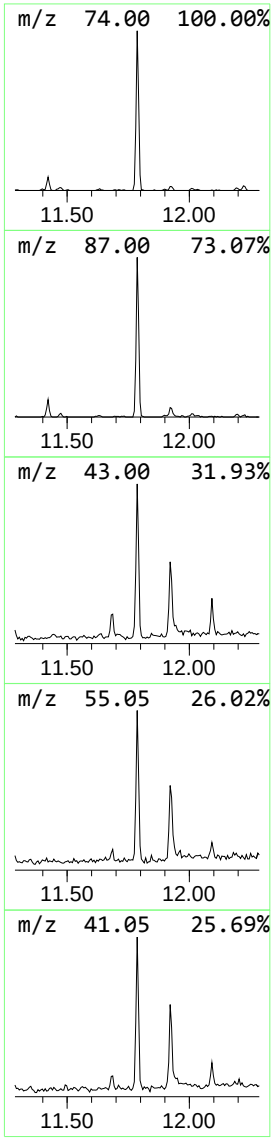
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	7.42 ng	210669	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	90





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Sample : N6163-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
TR-06-122022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

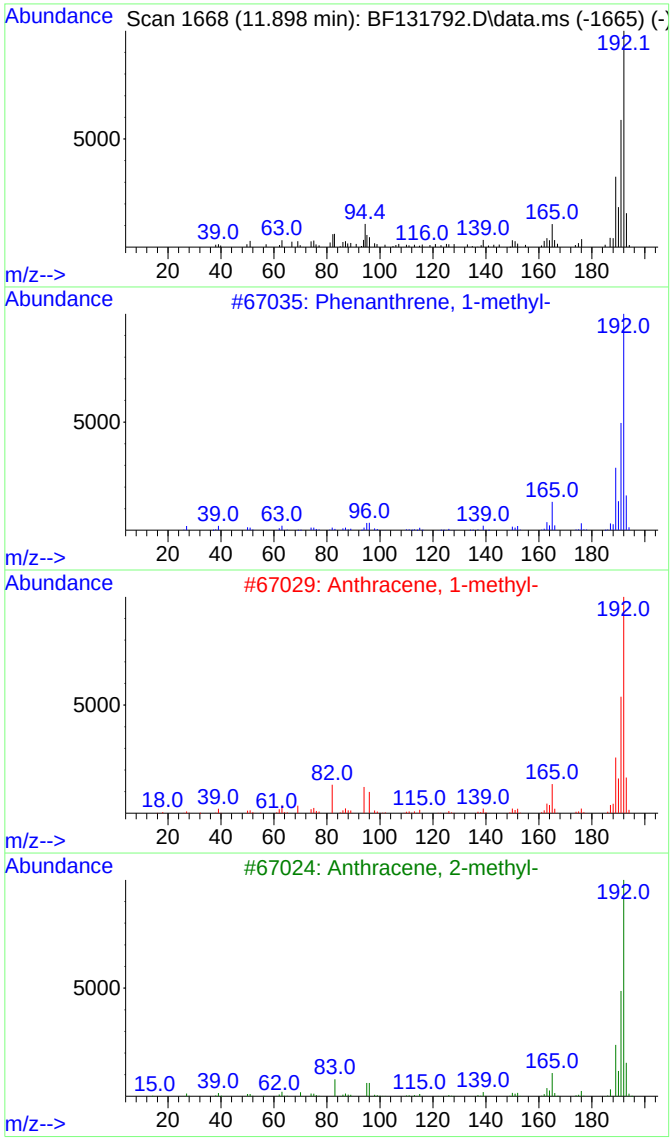
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

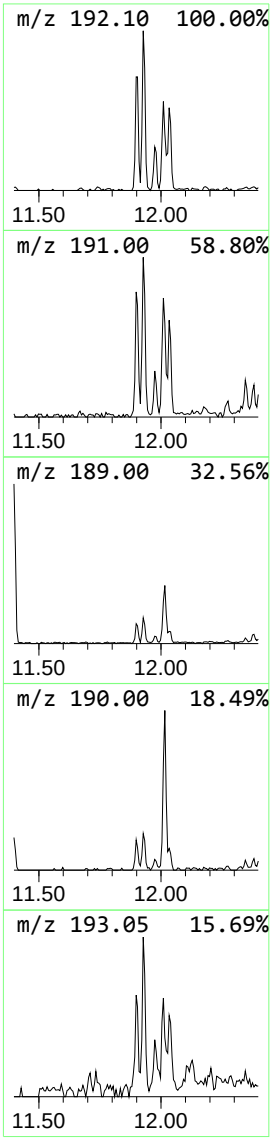
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.01 ng	57179	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

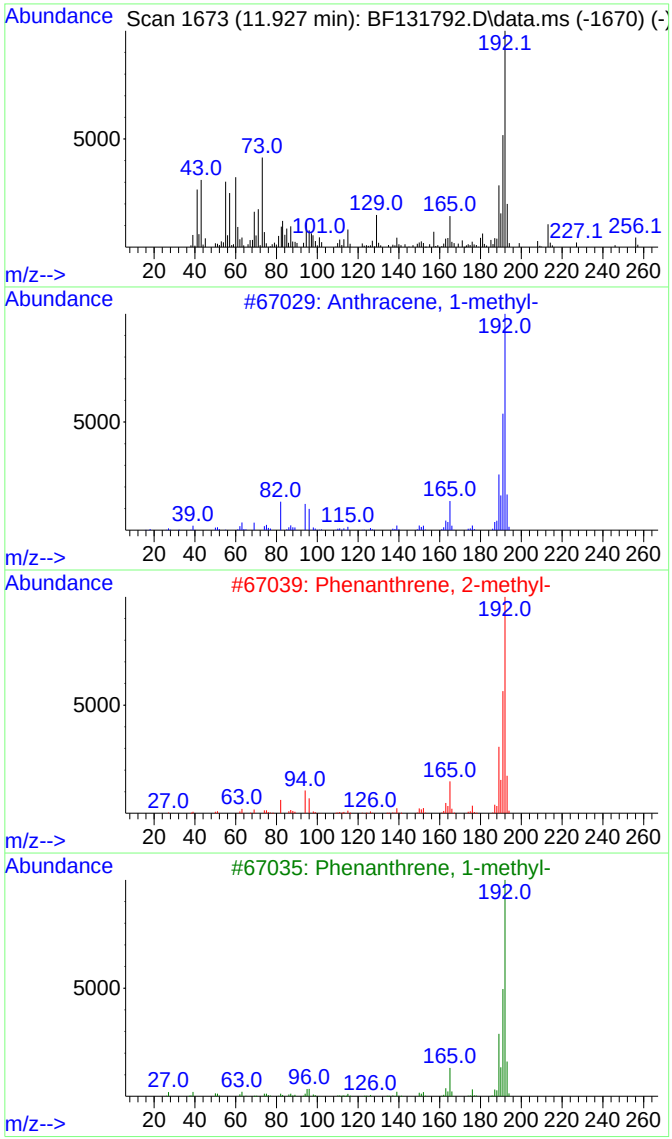
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

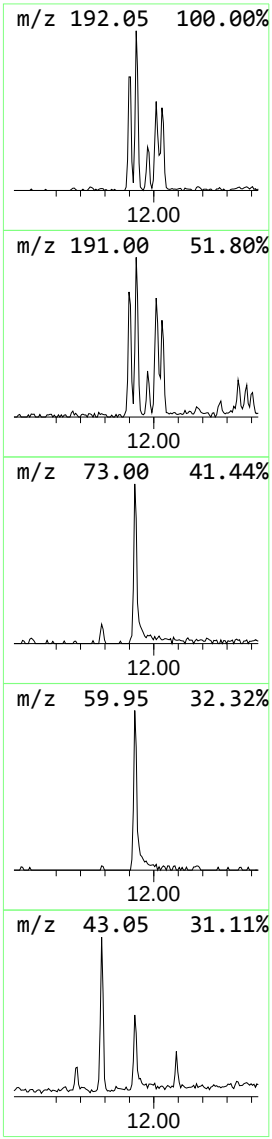
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	5.74 ng	163118	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Data File : BF131792.D
Acq On : 22 Dec 2022 23:30
Operator : CG\JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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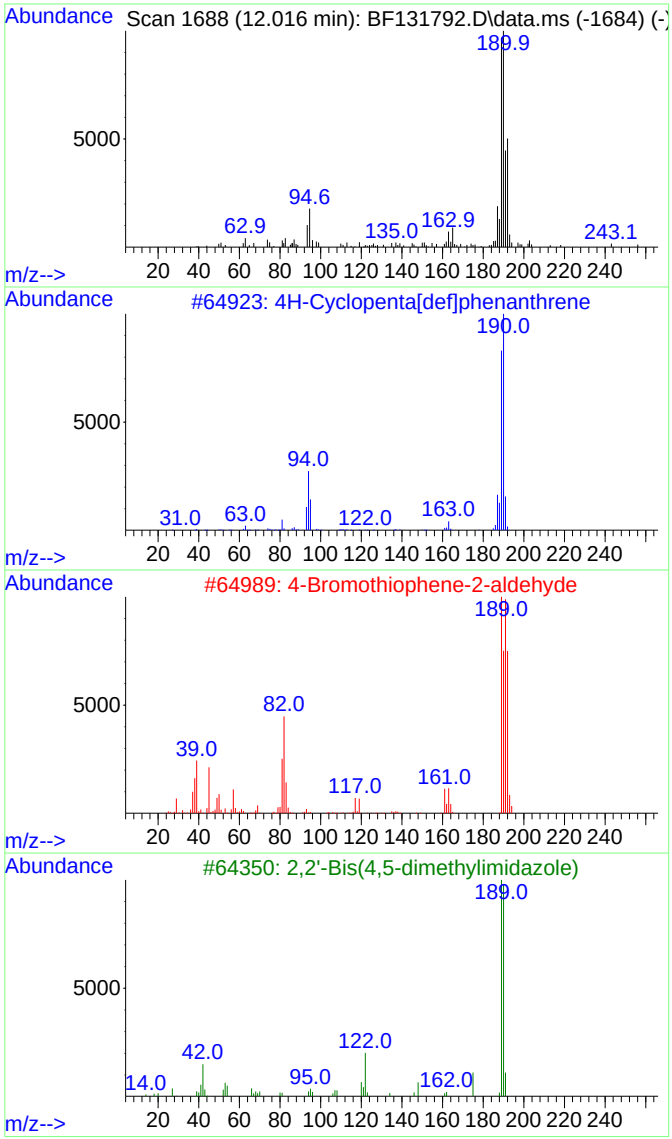
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

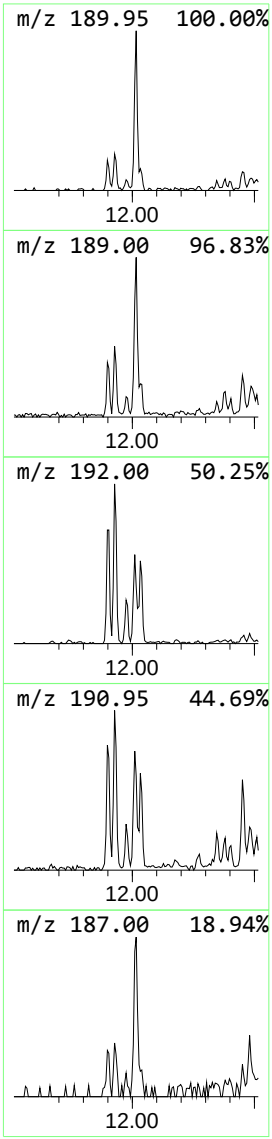
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	3.06 ng	87024	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	38
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	25
5	2-Hydroxy-4-methyl-6-(2-thienyl)...	192	C9H8N2OS	026963-45-1	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131792.D
Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-122022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

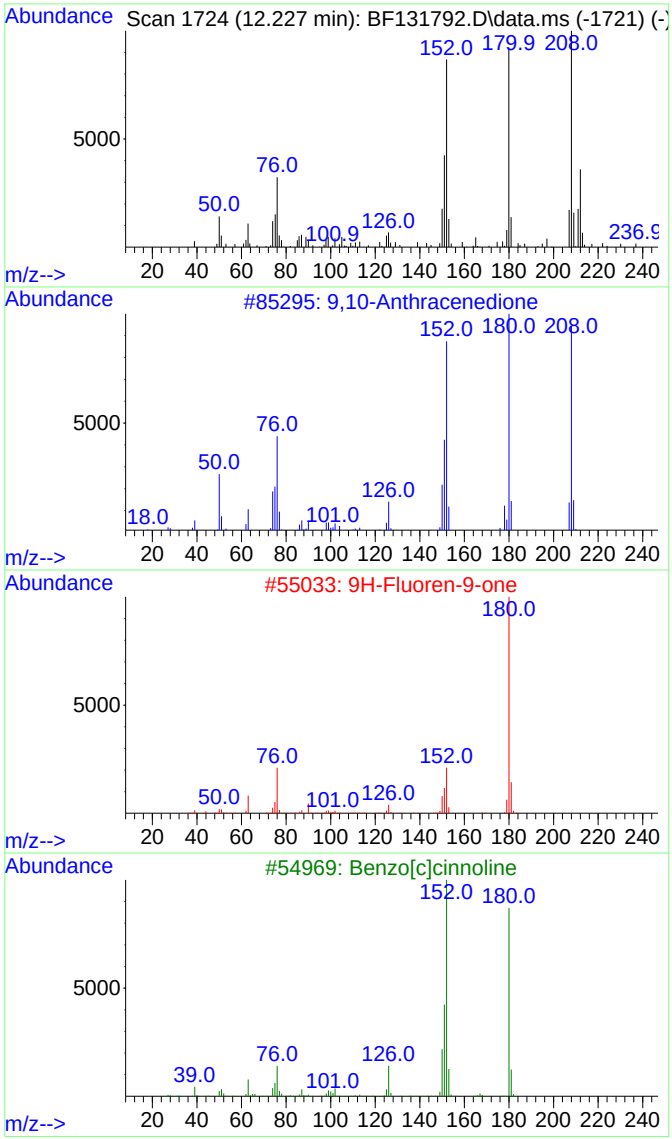
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

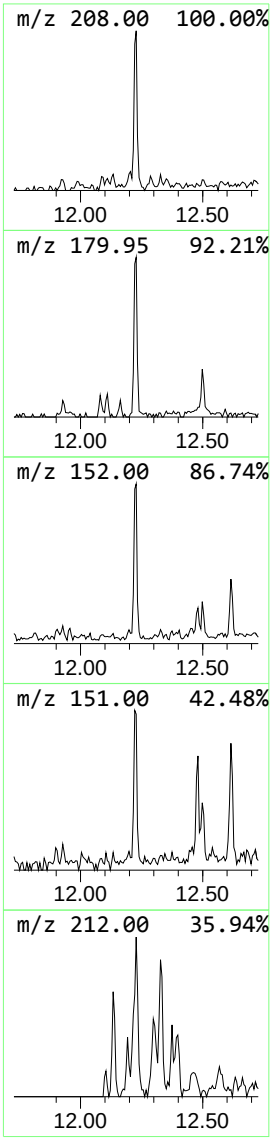
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	2.26 ng	64175	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-122022

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

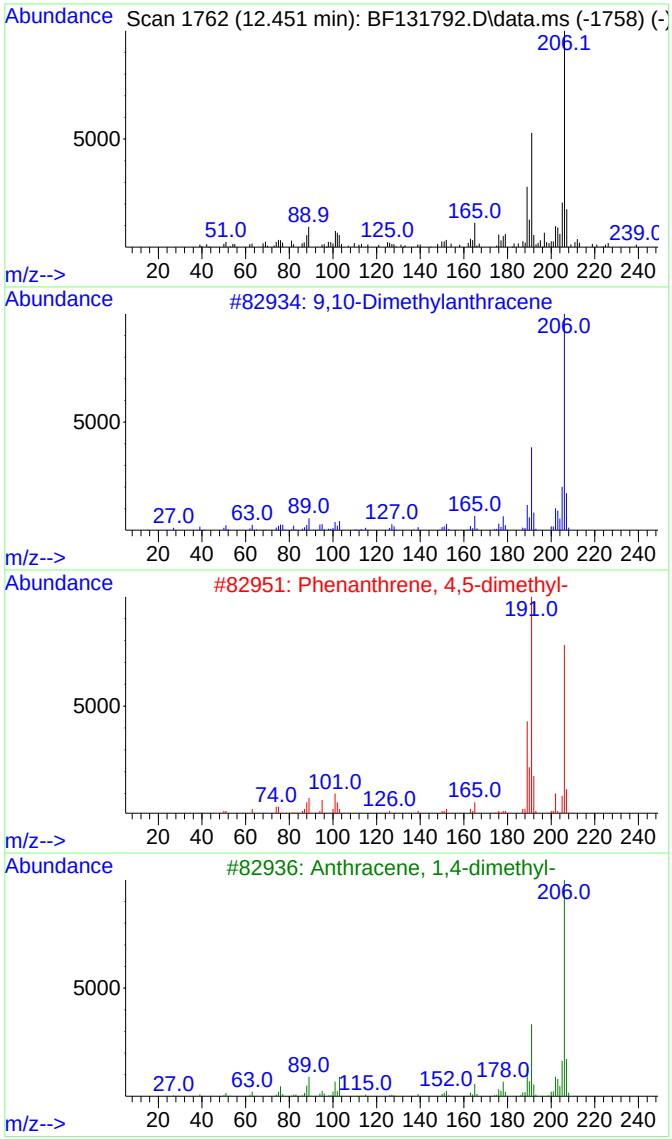
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

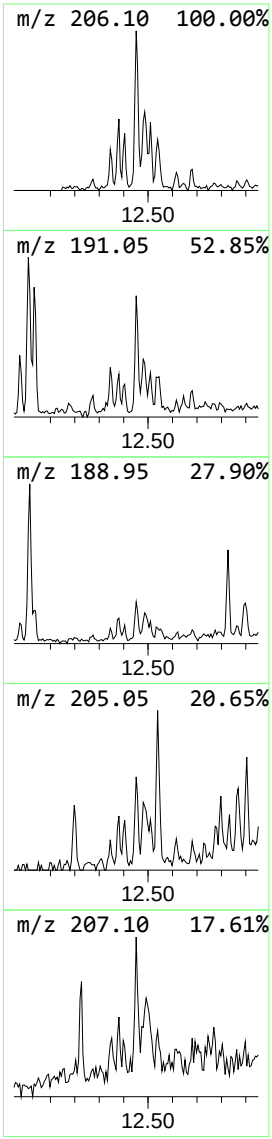
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	2.41 ng	68502	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-122022

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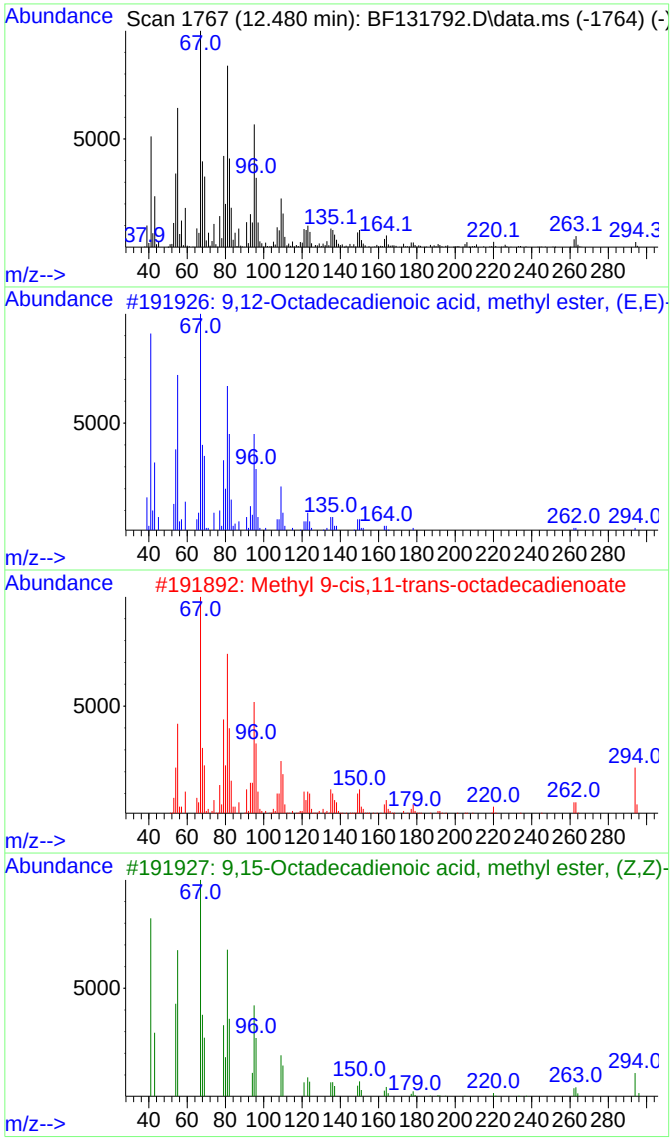
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

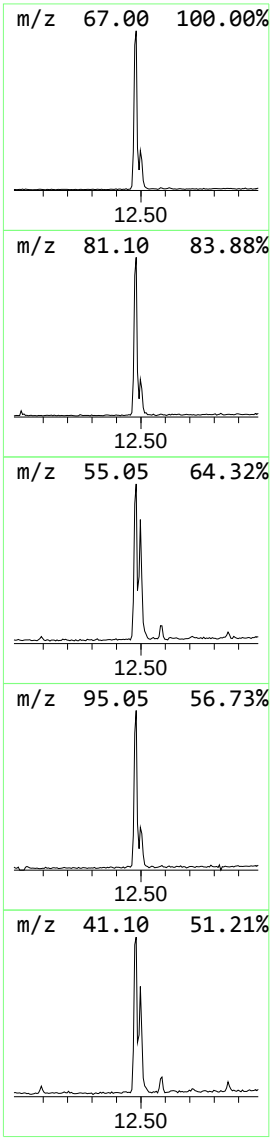
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	34.40 ng	977060	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	98





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Operator : CG\JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-122022

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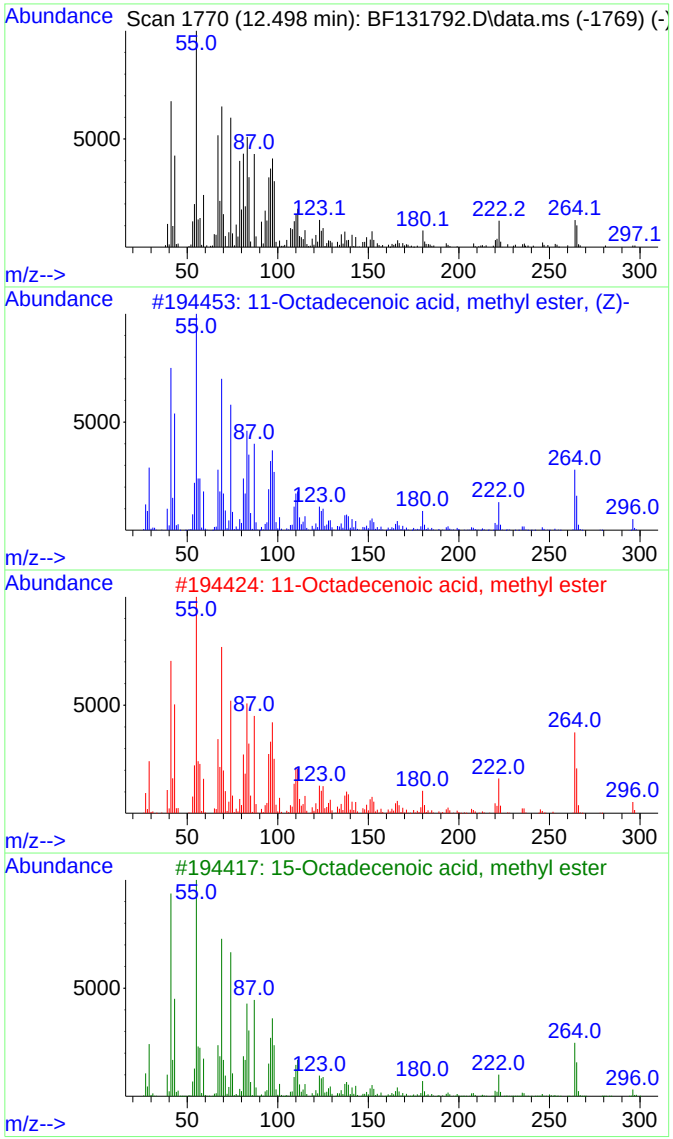
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

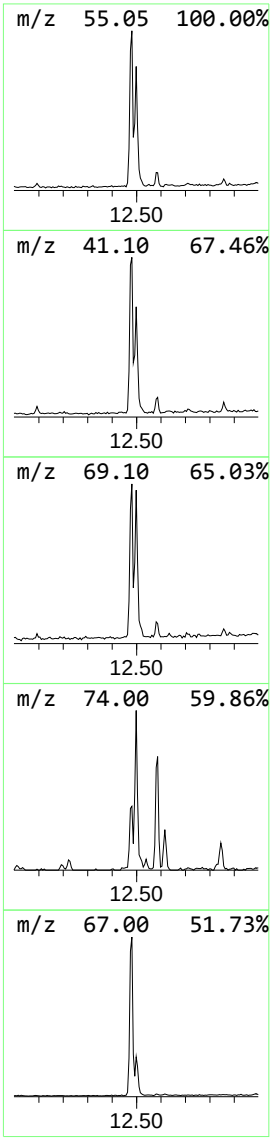
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	14.84 ng	421626	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	98
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	95
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
4	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94





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Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-122022

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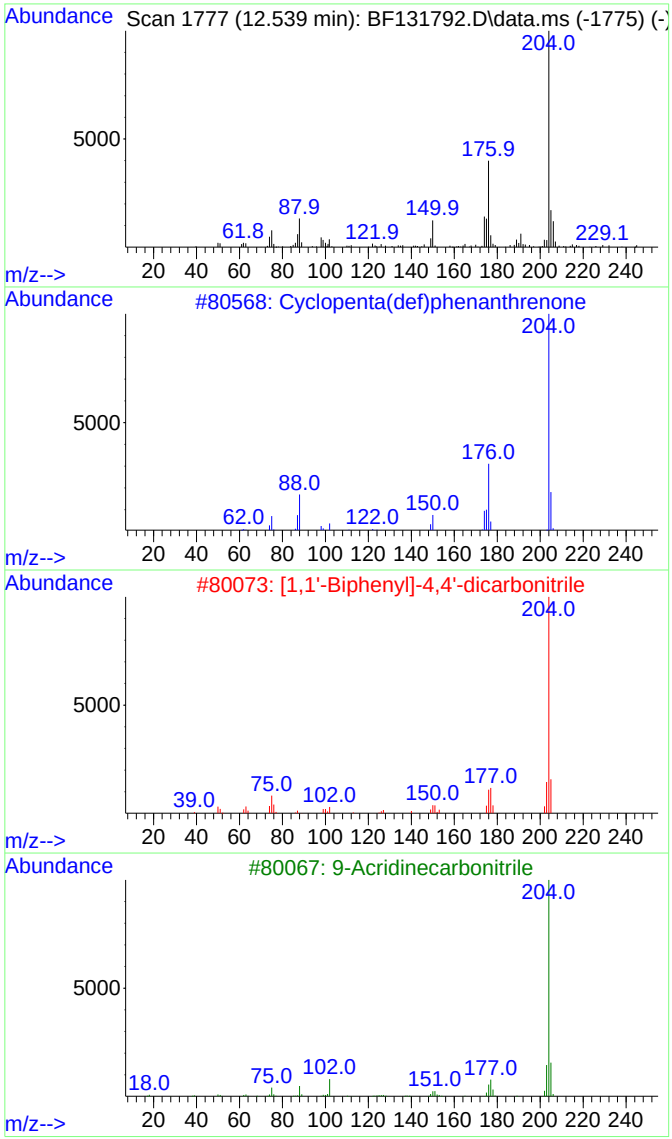
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

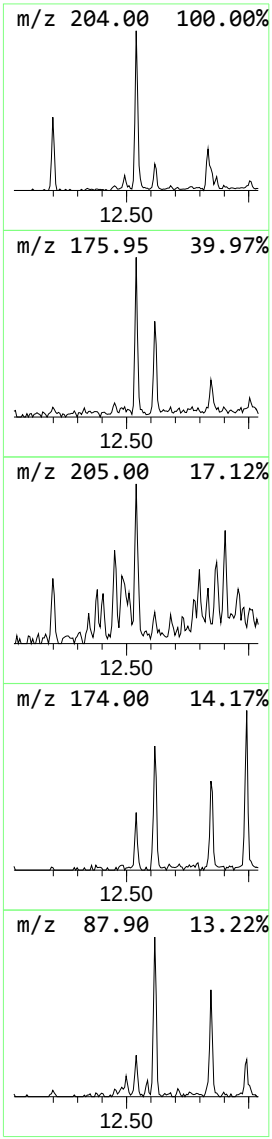
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	3.00 ng	85247	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
5	Butyl mannoside, 4TMS	524	C22H52O6Si4	146399-94-2	47





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Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-122022

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

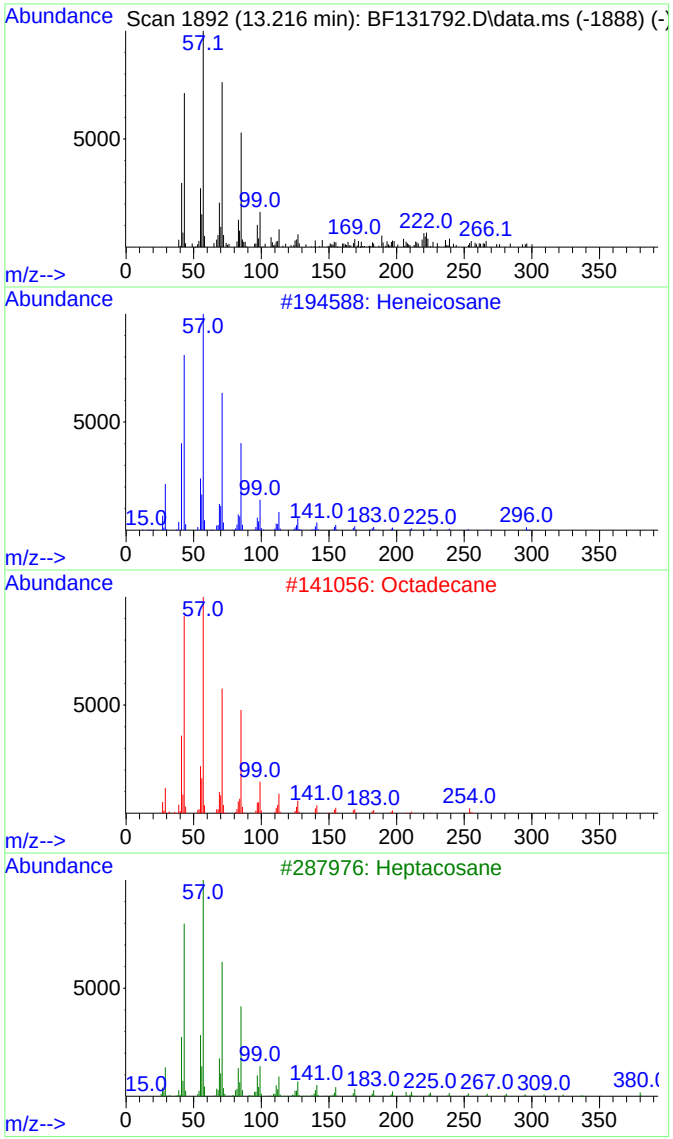
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

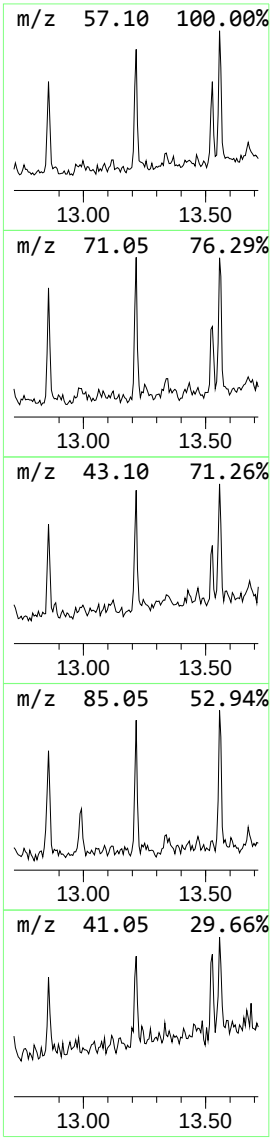
****

Peak Number 12 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	2.25 ng	77436	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octadecane	254	C18H38	000593-45-3	92
3	Heptacosane	380	C27H56	000593-49-7	87
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-122022

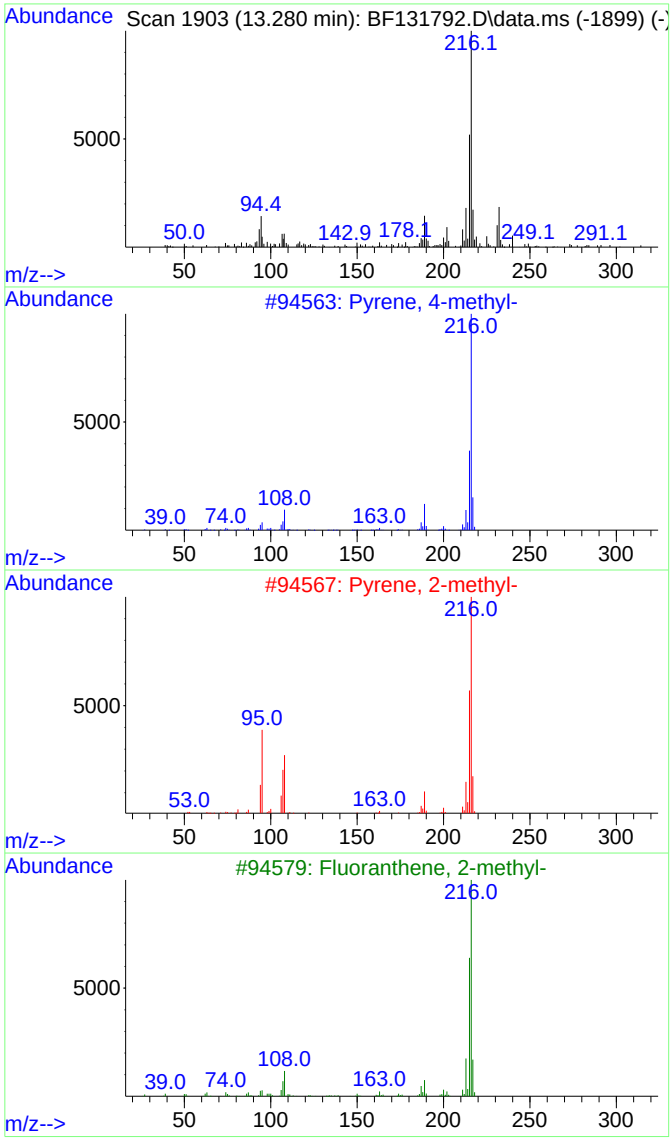
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

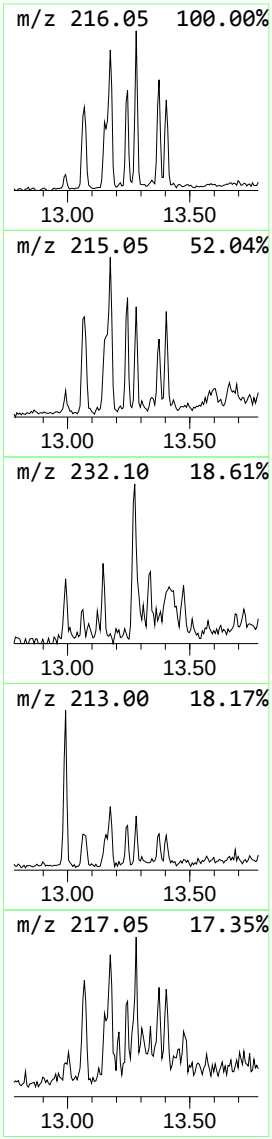
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.25 ng	77476	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-122022

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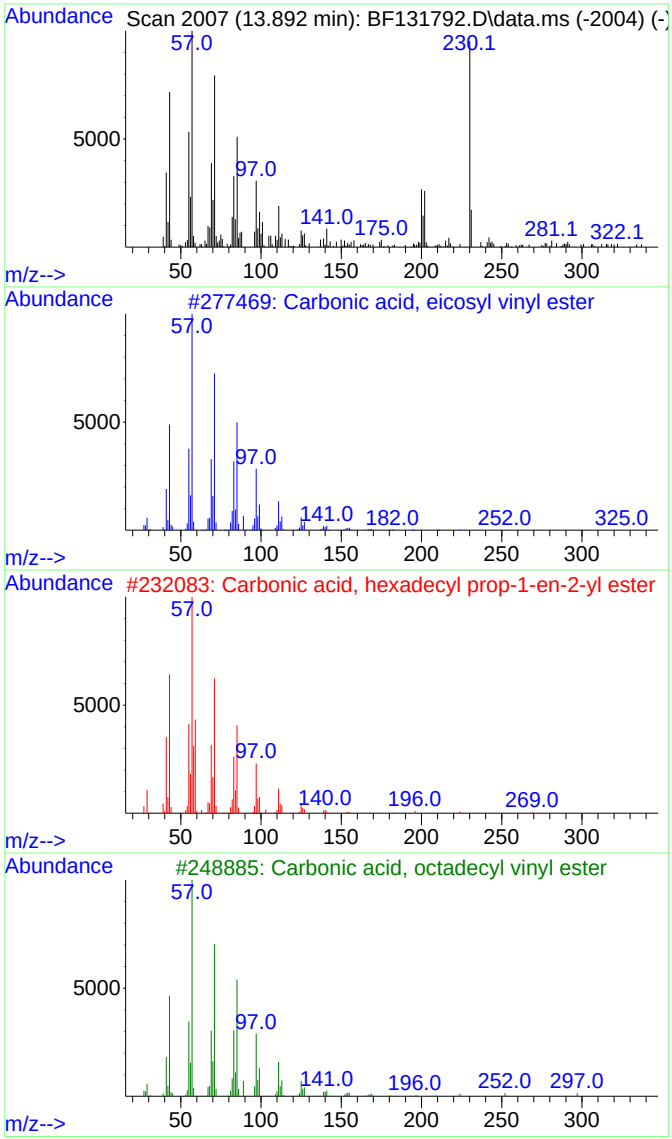
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

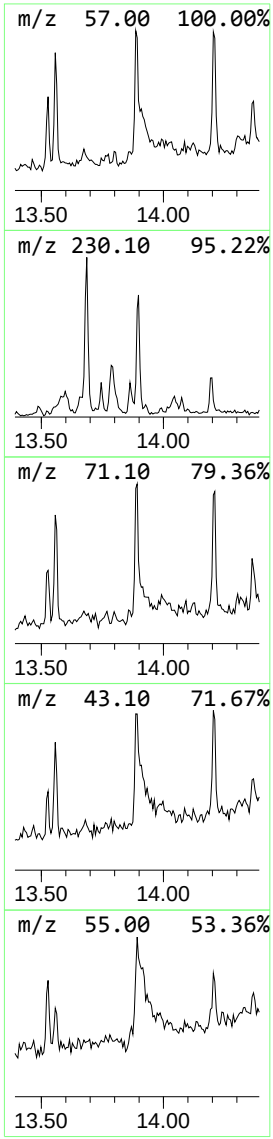
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Carbonic acid, eicosyl viny... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	7.29 ng	251054	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	50
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	50
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	50
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	50
5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	46





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Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-122022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.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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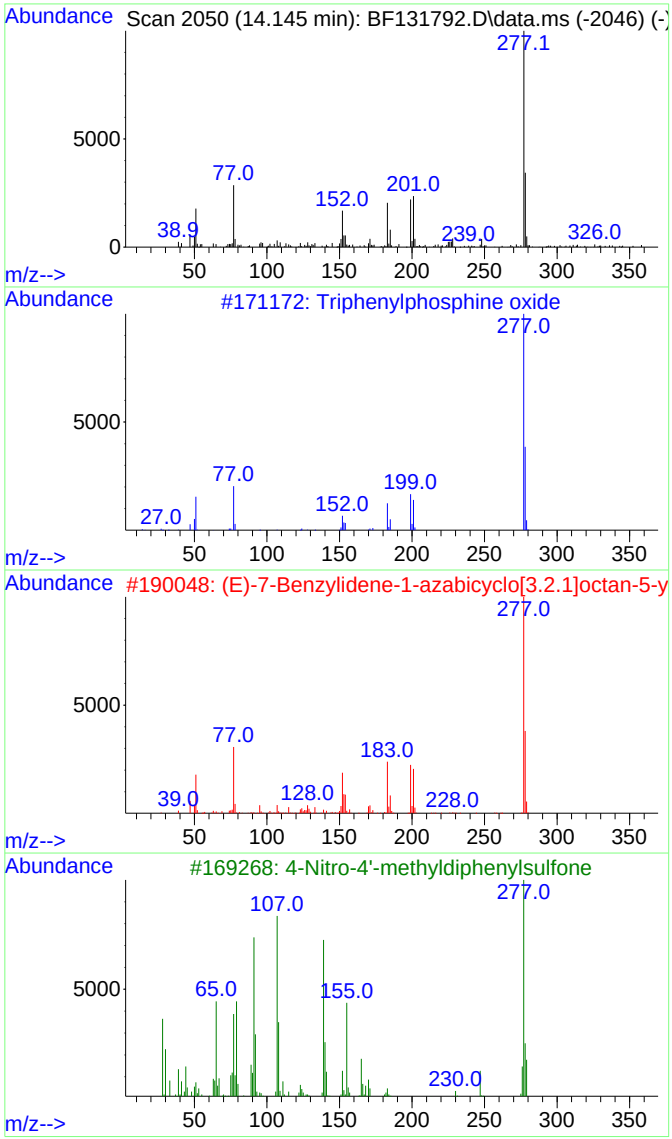
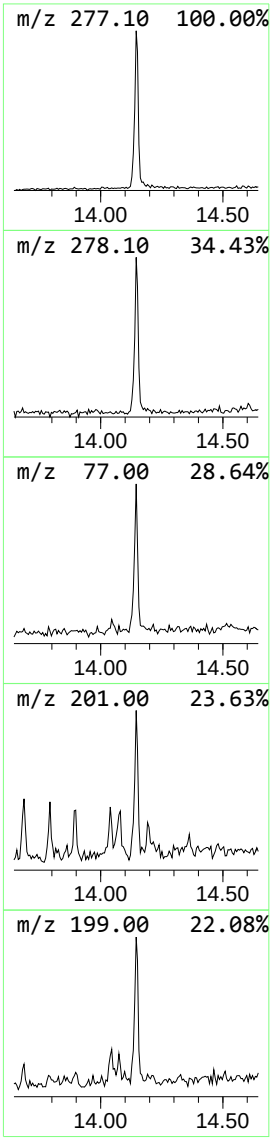
Peak Number 15 Triphenylphosphine oxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.145	3.75 ng	129018	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	38
3	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	38
4	Benzoic acid, 2-(diphenylphosphi...	306	C19H15O2P	017261-28-8	36
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	36





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Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-122022

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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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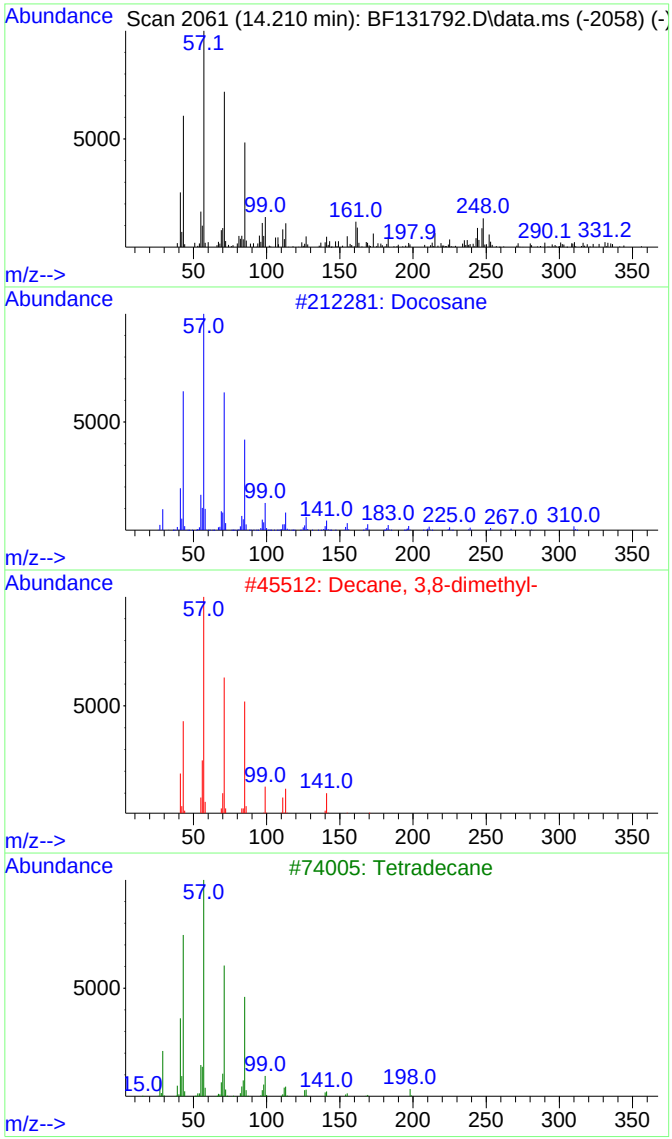
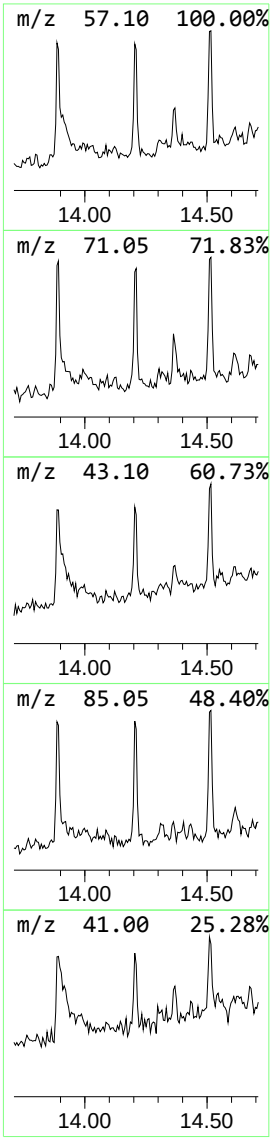
Peak Number 16 Docosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	2.47 ng	84983	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	83
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
3	Tetradecane	198	C14H30	000629-59-4	64
4	Octadecane	254	C18H38	000593-45-3	64
5	Hexadecane	226	C16H34	000544-76-3	58





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Acq On : 22 Dec 2022 23:30
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-122022

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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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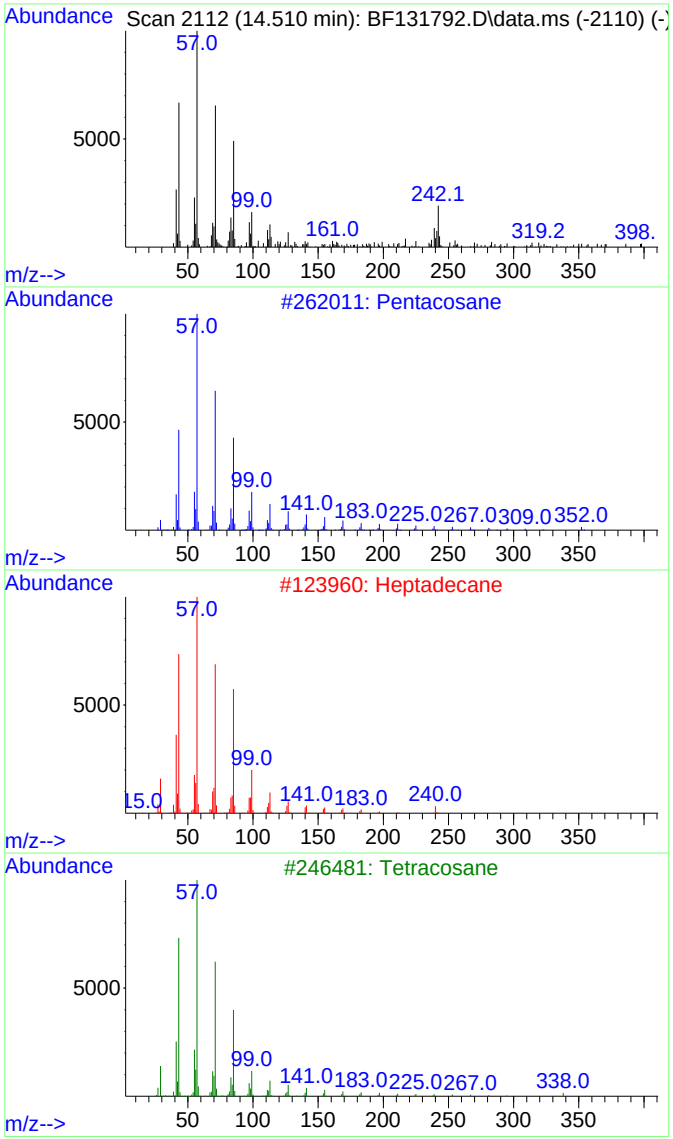
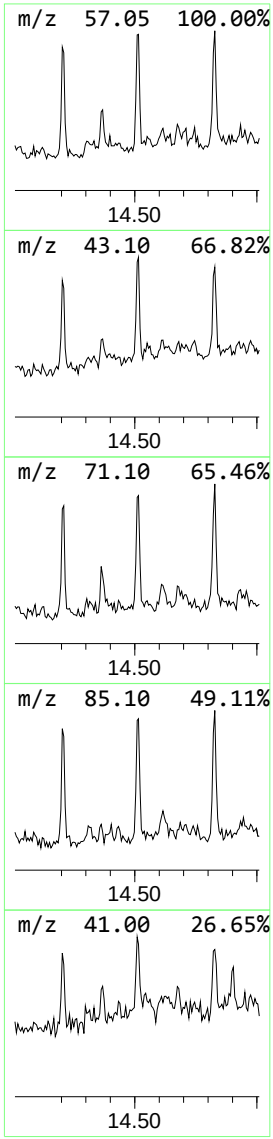
Peak Number 17 Pentacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	2.25 ng	77388	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Tetracosane	338	C24H50	000646-31-1	89
4	Eicosane	282	C20H42	000112-95-8	76
5	Docosane	310	C22H46	000629-97-0	76





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Sample : N6163-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-122022

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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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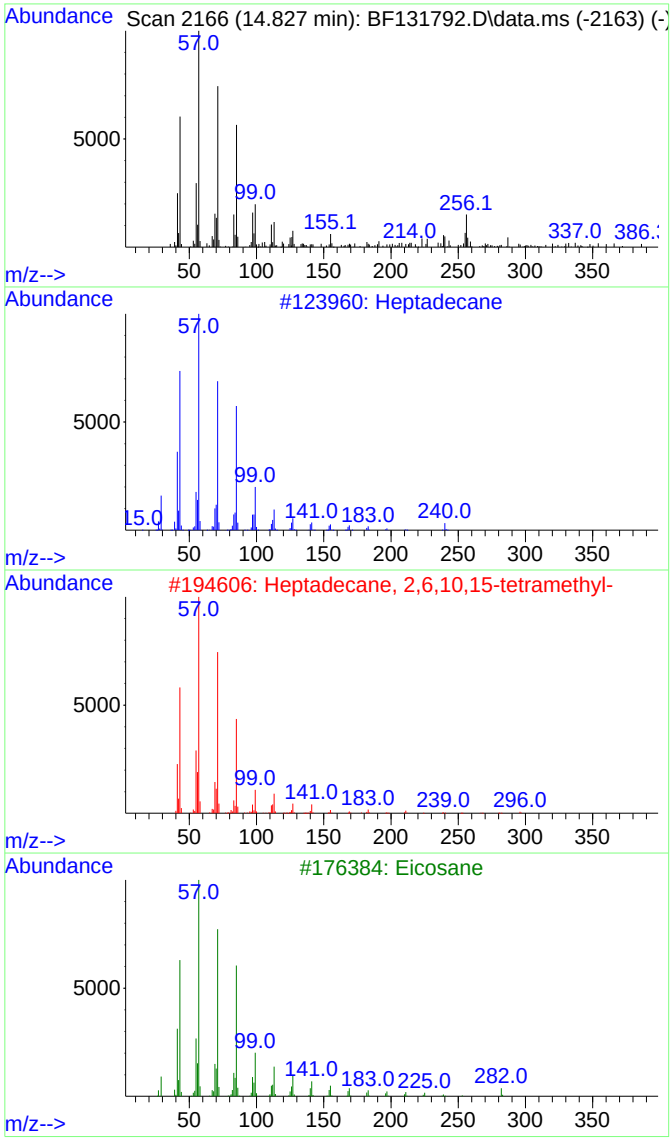
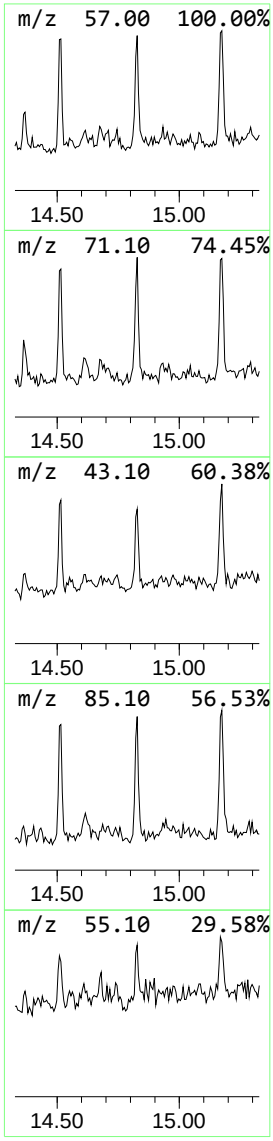
Peak Number 18 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	2.82 ng	60853	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131792.D
Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-122022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

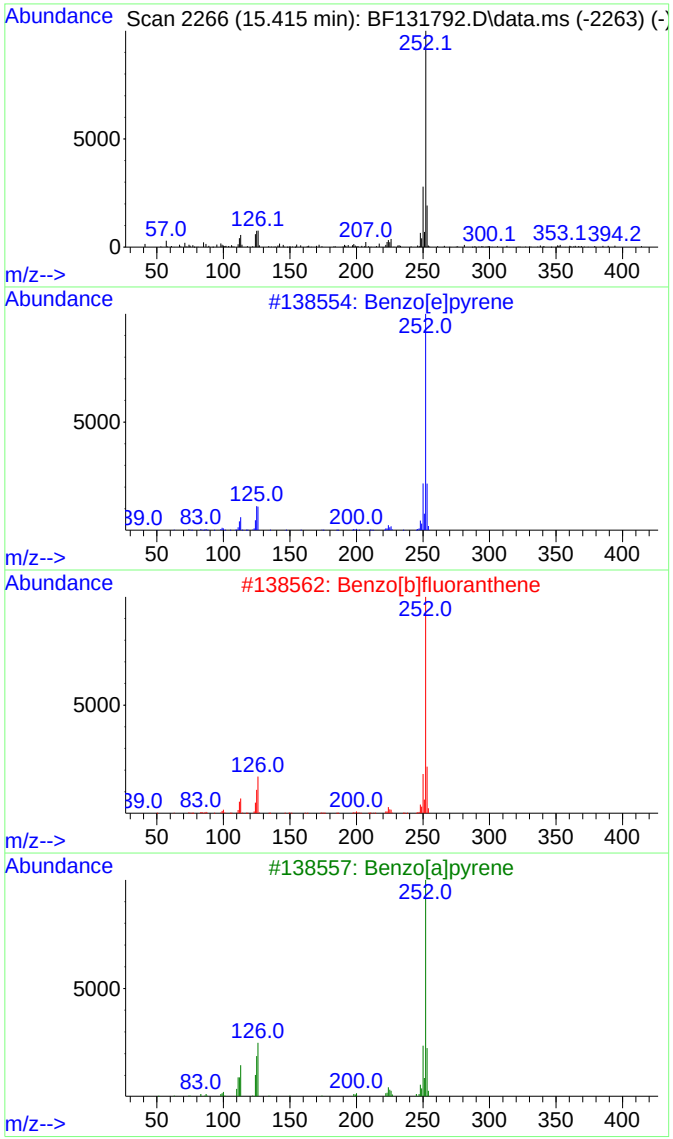
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

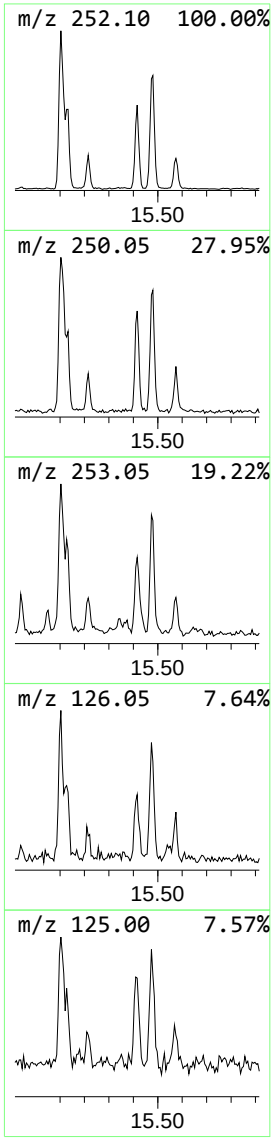
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	5.34 ng	115109	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131792.D
Acq On : 22 Dec 2022 23:30
Operator : CG\JU
Sample : N6163-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-122022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.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
2-Pentanone, 4-...	5.063	32.9	ng	857894	1	6.857	522137	20.0
Benzophenone	10.622	6.0	ng	195079	3	9.904	649763	20.0
Hexadecanoic ac...	11.786	7.4	ng	210669	4	11.398	568131	20.0
Phenanthrene, 1...	11.898	2.0	ng	57179	4	11.398	568131	20.0
Anthracene, 1-m...	11.927	5.7	ng	163118	4	11.398	568131	20.0
4H-Cyclopenta[d...	12.016	3.1	ng	87024	4	11.398	568131	20.0
9,10-Anthracene...	12.227	2.3	ng	64175	4	11.398	568131	20.0
9,10-Dimethylan...	12.451	2.4	ng	68502	4	11.398	568131	20.0
9,12-Octadecadi...	12.480	34.4	ng	977060	4	11.398	568131	20.0
11-Octadecenoic...	12.498	14.8	ng	421626	4	11.398	568131	20.0
Cyclopenta(def)...	12.539	3.0	ng	85247	4	11.398	568131	20.0
Heneicosane	13.216	2.3	ng	77436	5	14.051	688418	20.0
Pyrene, 4-methyl-	13.280	2.3	ng	77476	5	14.051	688418	20.0
Carbonic acid, ...	13.892	7.3	ng	251054	5	14.051	688418	20.0
Triphenylphosph...	14.145	3.8	ng	129018	5	14.051	688418	20.0
Docosane	14.210	2.5	ng	84983	5	14.051	688418	20.0
Pentacosane	14.510	2.3	ng	77388	5	14.051	688418	20.0
Heptadecane	14.827	2.8	ng	60853	6	15.545	430959	20.0
Benzo[e]pyrene	15.416	5.3	ng	115109	6	15.545	430959	20.0