LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	6	15	26	rVB	1062907	1402008	9.20%	1.841%
2	5.075	503	508	520	rVB	533414	666179	4.37%	0.875%
3	5.481	572	577	580	rBV	3932302	3825222	25.09%	5.024%
4	6.487	742	748	751	rBV	3845632	3859848	25.32%	5.069%
5	6.851	807	810	814	rBV	1218873	1040115	6.82%	1.366%
6	7.416	896	906	909	rBV	2715467	2502366	16.42%	3.286%
7	8.039	1008	1012	1016	rBV	189392	201089	1.32%	0.264%
8	8.134	1023	1028	1031	rBV	1400586	1349714	8.85%	1.773%
9	8.557	1097	1100	1103	rBV	225424	216297	1.42%	0.284%
10	8.728	1126	1129	1133	rBV	193338	173283	1.14%	0.228%
11	8.845	1147	1149	1154	rVB	265856	217542	1.43%	0.286%
12	8.945	1162	1166	1171	rVB2	301688	287772	1.89%	0.378%
13	9.210	1206	1211	1214	rBV	5162533	4195375	27.52%	5.510%
14	9.292	1221	1225	1230	rBV2	257220	272613	1.79%	0.358%
15	9.475	1249	1256	1260	rBV2	157725	241006	1.58%	0.317%
16	9.545	1265	1268	1271	rBV	272599	256438	1.68%	0.337%
17	9.663	1286	1288	1293	rBV2	146065	162822	1.07%	0.214%
18	9.751	1300	1303	1307	rVB	267152	263418	1.73%	0.346%
19	9.822	1313	1315	1318	rVB	285150	201074	1.32%	0.264%
20	9.886	1320	1326	1329	rBV	1445822	1299422	8.52%	1.707%
21	9.922	1329	1332	1336	rVB	229443	199464	1.31%	0.262%
22	10.092	1357	1361	1363	rVB2	172397	182562	1.20%	0.240%
23	10.322	1397	1400	1402	rVB	282590	215589	1.41%	0.283%
24	10.433	1416	1419	1425	rVB	351870	355211	2.33%	0.466%
25	10.675	1455	1460	1463	rBV	2823439	2287348	15.01%	3.004%
26	10.792	1477	1480	1485	rBV3	330245	423710	2.78%	0.556%
27	10.980	1508	1512	1515	rBV2	131722	170342	1.12%	0.224%
28	11.239	1554	1556	1559	rVV	215038	172376	1.13%	0.226%
29	11.269	1559	1561	1566	rVB	208798	192871	1.27%	0.253%
30	11.375	1575	1579	1581	rBV	1305329	1117317	7.33%	1.467%
31	11.398	1581	1583	1586	rVV	1700645	1243033	8.15%	1.632%
32	11.445	1588	1591	1595	rVB	393576	378537	2.48%	0.497%
33	11.669	1626	1629	1631	rBV	238870	172299	1.13%	0.226%
34	11.769	1643	1646	1650	rBV	4511200	3858591	25.31%	5.067%
35	11.875	1661	1664	1666	rBV	371357	307243	2.02%	0.403%
36	11.904	1666	1669	1672	rVB	463956	367326	2.41%	0.482%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.951	1674	1677	1679	rVV	170845	152925	1.00%	0.201%
38	11.986	1679	1683	1685	rVV2	586775	615048	4.03%	0.808%
39	12.010	1685	1687	1691	rVB	298610	252559	1.66%	0.332%
40	12.075	1696	1698	1702	rBV	163066	167900	1.10%	0.220%
41	12.427	1754	1758	1760	rBV	294395	313237	2.05%	0.411%
42	12.469	1760	1765	1766	rVV	14677105	15243285	100.00%	20.019%
43	12.486	1766	1768	1773	rVB2	11699223	9772294	64.11%	12.834%
44	12.563	1778	1781	1783	rVV	1972328	1605978	10.54%	2.109%
45	12.586	1783	1785	1788	rVB	1436988	1196850	7.85%	1.572%
46	12.816	1819	1824	1827	rBV	1456165	1604051	10.52%	2.107%
47	12.963	1845	1849	1852	rBV	4396101	3573545	23.44%	4.693%
48	13.039	1859	1862	1865	rBV2	161521	208338	1.37%	0.274%
49	13.145	1874	1880	1883	rVB	411998	548768	3.60%	0.721%
50	13.210	1886	1891	1894	rVB2	376731	399962	2.62%	0.525%
51	13.251	1895	1898	1900	rBV	273143	250218	1.64%	0.329%
52	13.339	1911	1913	1916	rBV	195552	175818	1.15%	0.231%
53	13.374	1916	1919	1921	rBV	225575	226759	1.49%	0.298%
54	13.863	1999	2002	2011	rVB6	274833	383024	2.51%	0.503%
55	14.010	2023	2027	2030	rBV2	1329303	1795629	11.78%	2.358%
56	14.039	2030	2032	2038	rVB	772749	659734	4.33%	0.866%
57	15.051	2201	2204	2213	rVB	499268	960459	6.30%	1.261%
58	15.357	2253	2256	2262	rVB	383114	478118	3.14%	0.628%
59	15.421	2263	2267	2272	rBV	461324	588088	3.86%	0.772%
60	15.480	2274	2277	2281	rBV	580244	695281	4.56%	0.913%

Sum of corrected areas: 76145290

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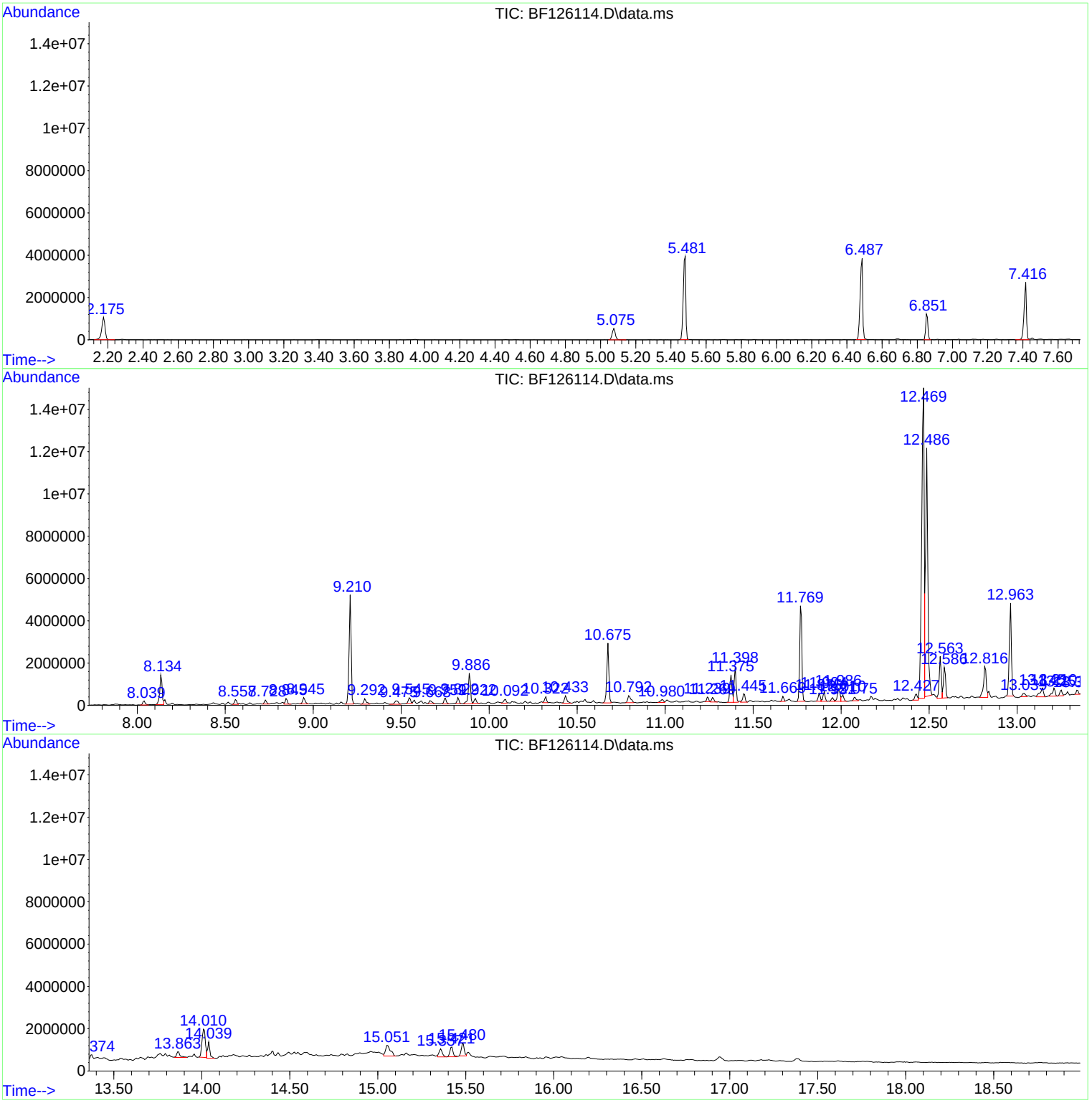
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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\BF111021\
Data File : BF126114.D
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Operator : JU/CG
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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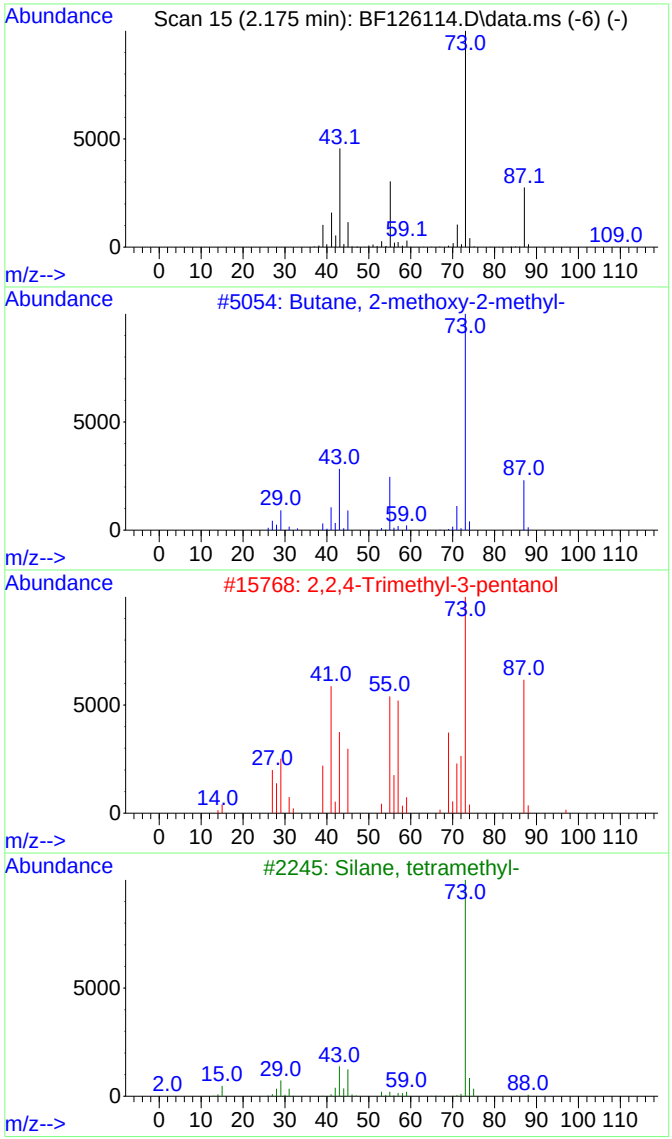
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

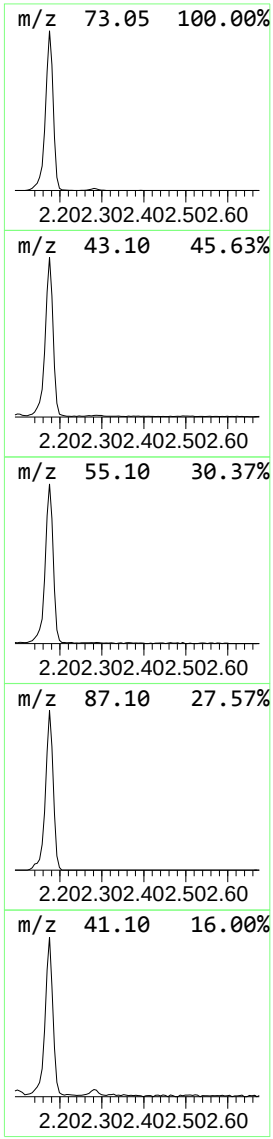
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	26.96 ng	1402010	1,4-Dichlorobenzene-d4	6.851

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

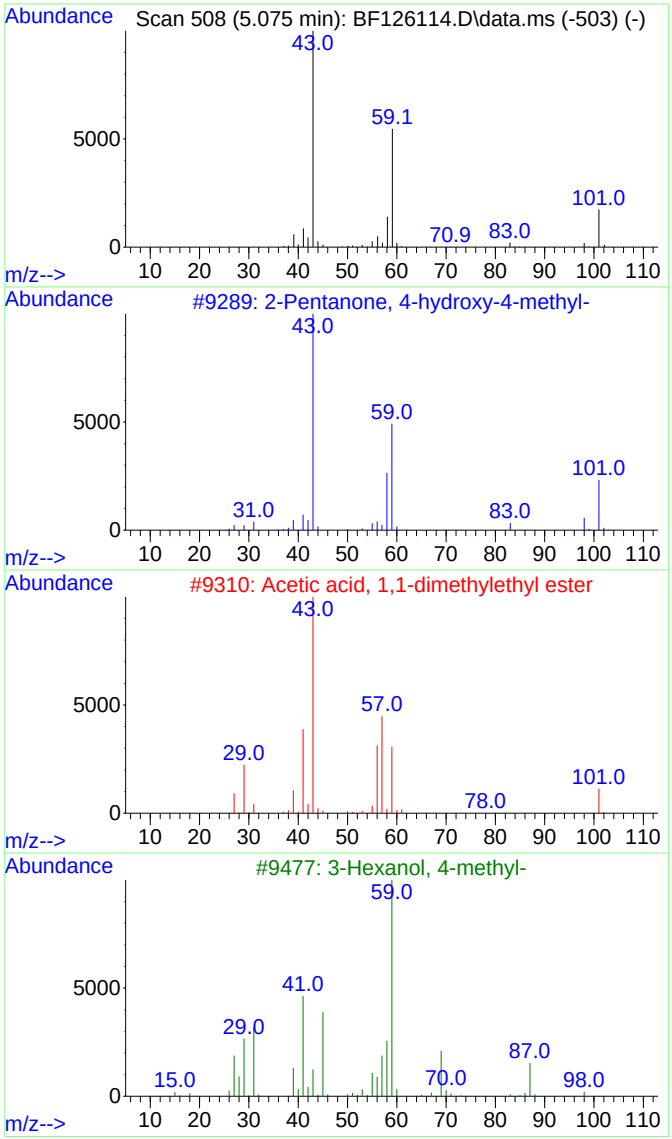
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

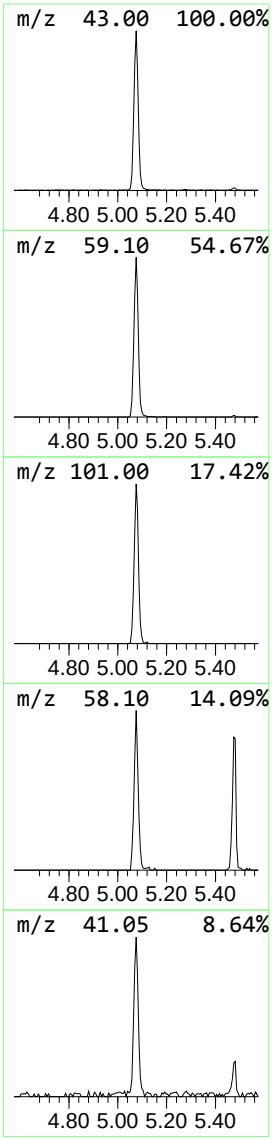
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	12.81 ng	666179	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

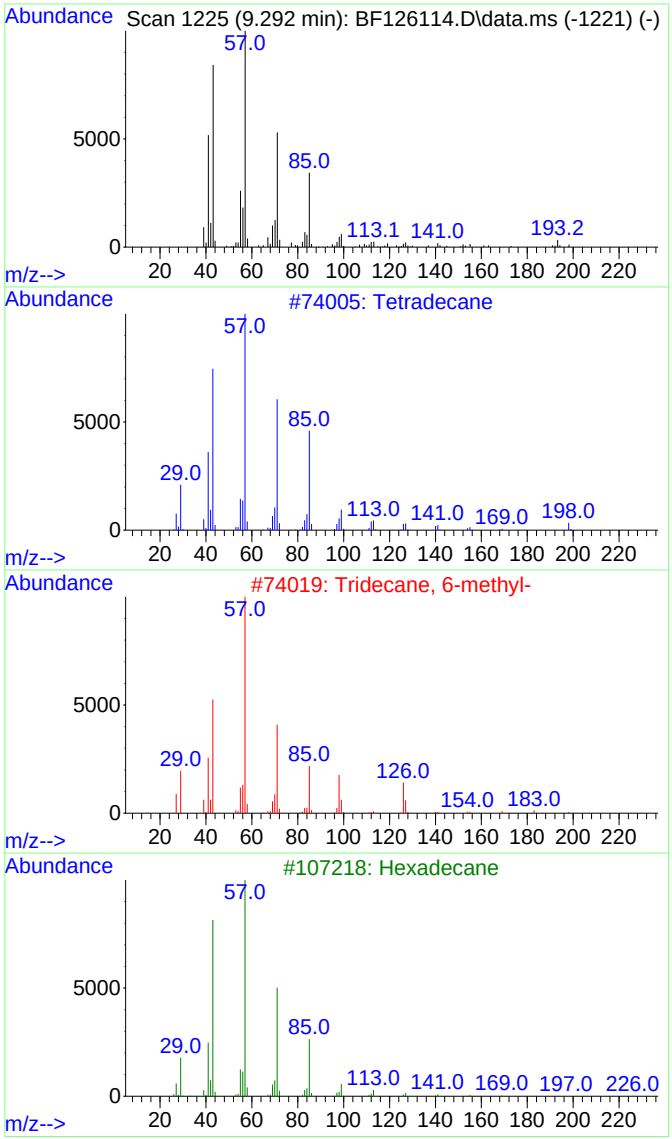
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

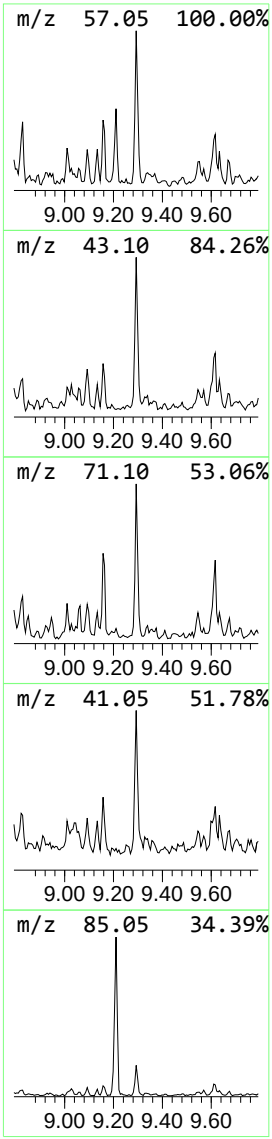
****

Peak Number 3 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	4.20 ng	272613	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

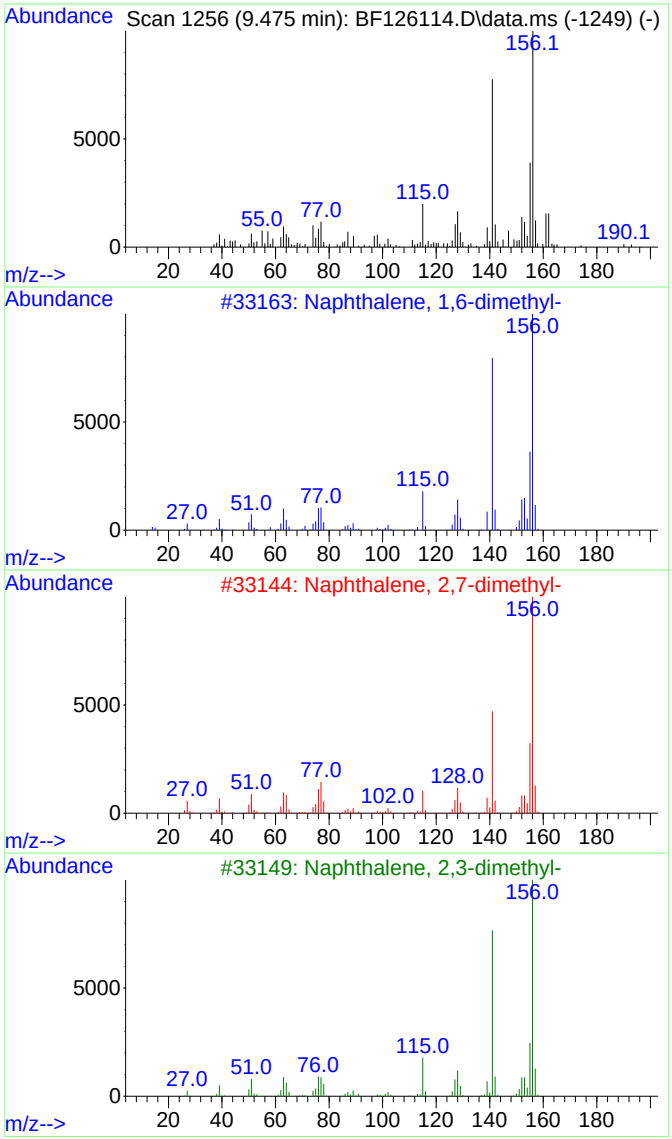
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

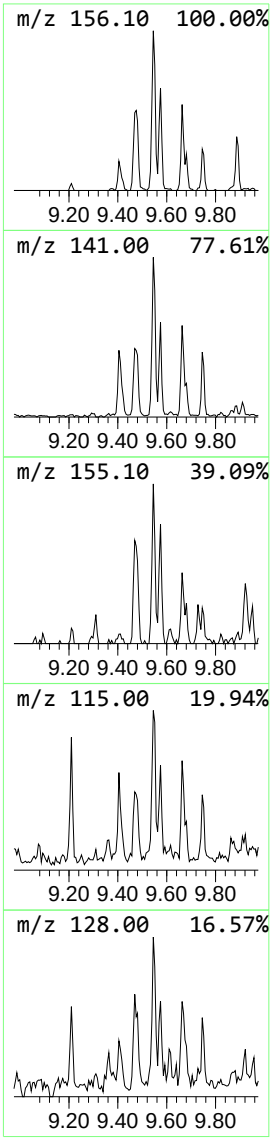
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	3.71 ng	241006	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

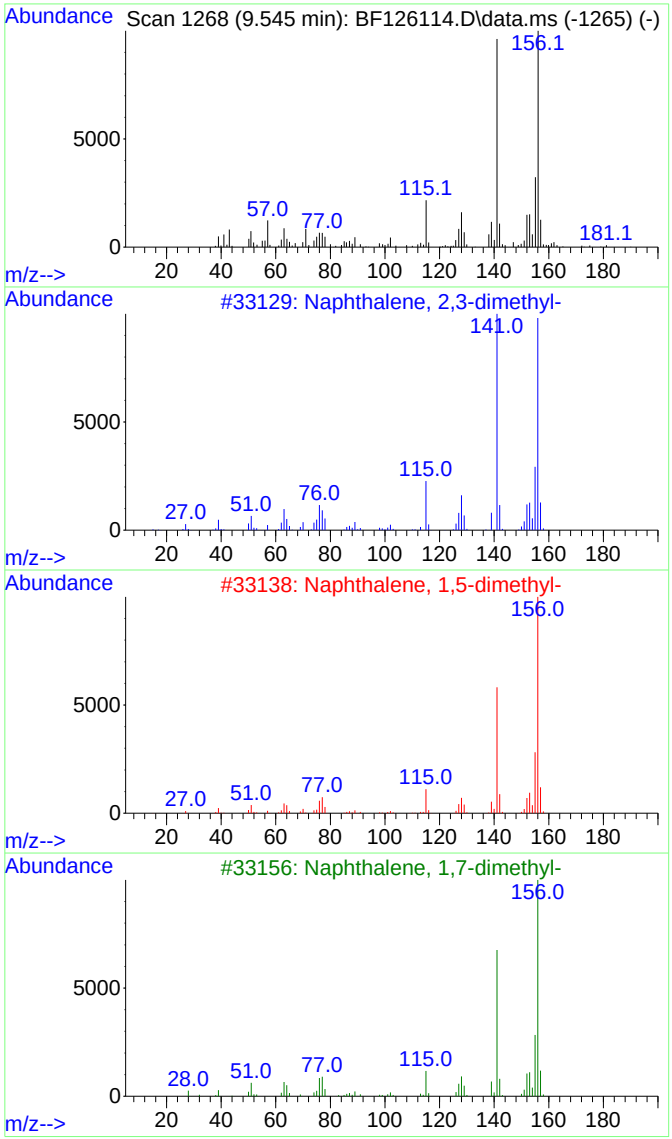
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

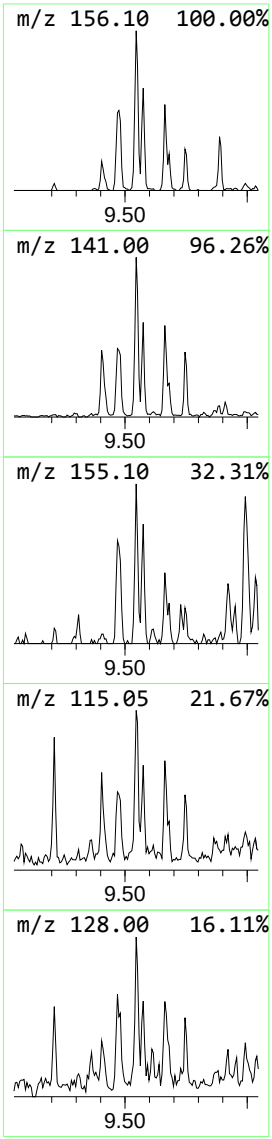
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	3.95 ng	256438	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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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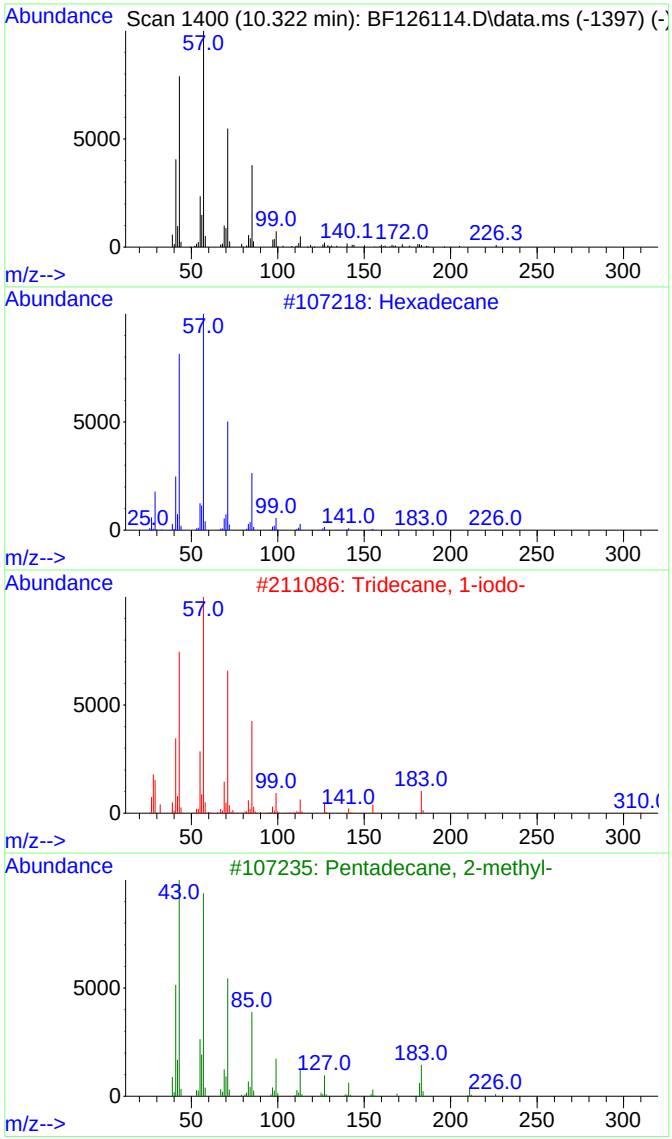
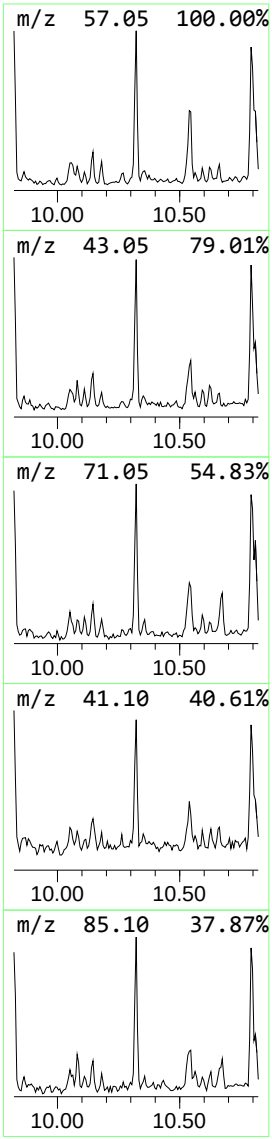
Peak Number 6 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	3.32 ng	215589	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

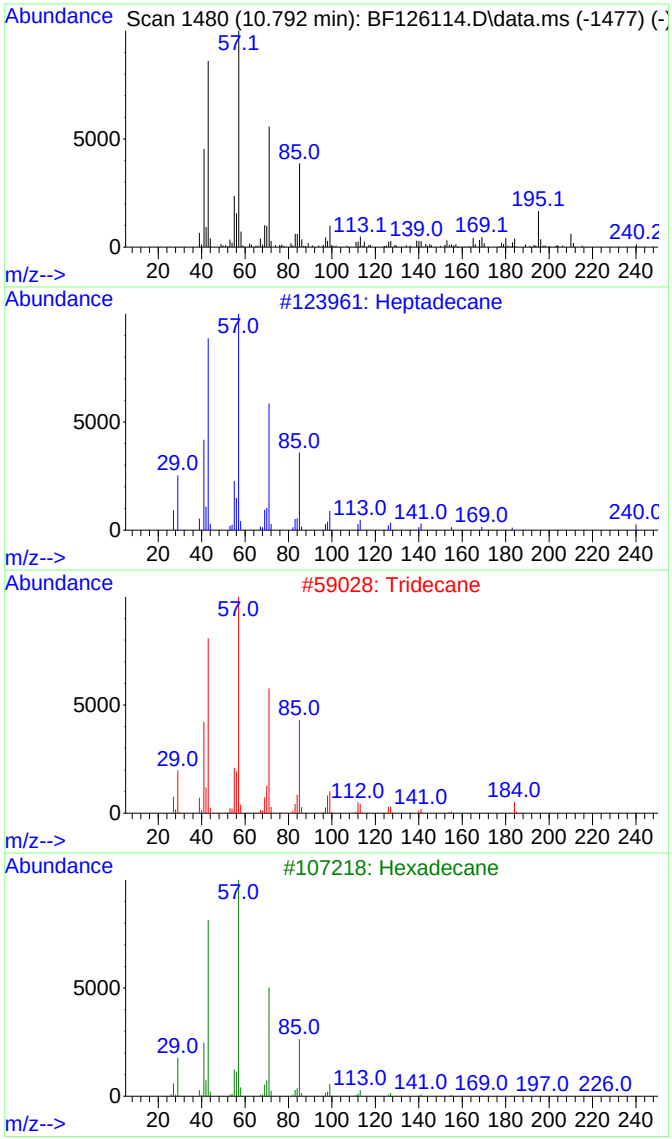
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

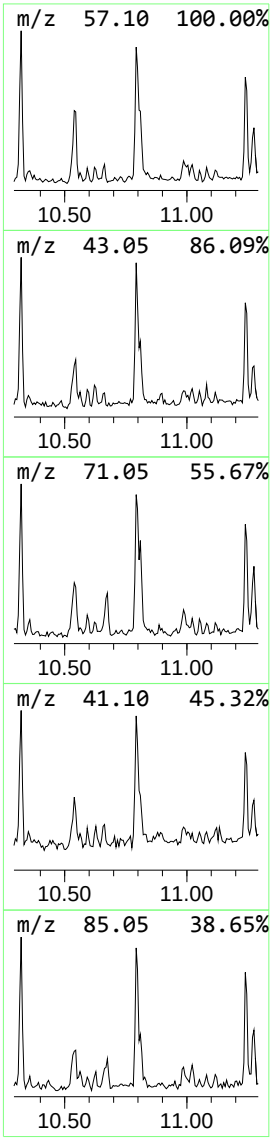
****

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	7.58 ng	423710	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	68
4	Dodecane	170	C12H26	000112-40-3	68
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

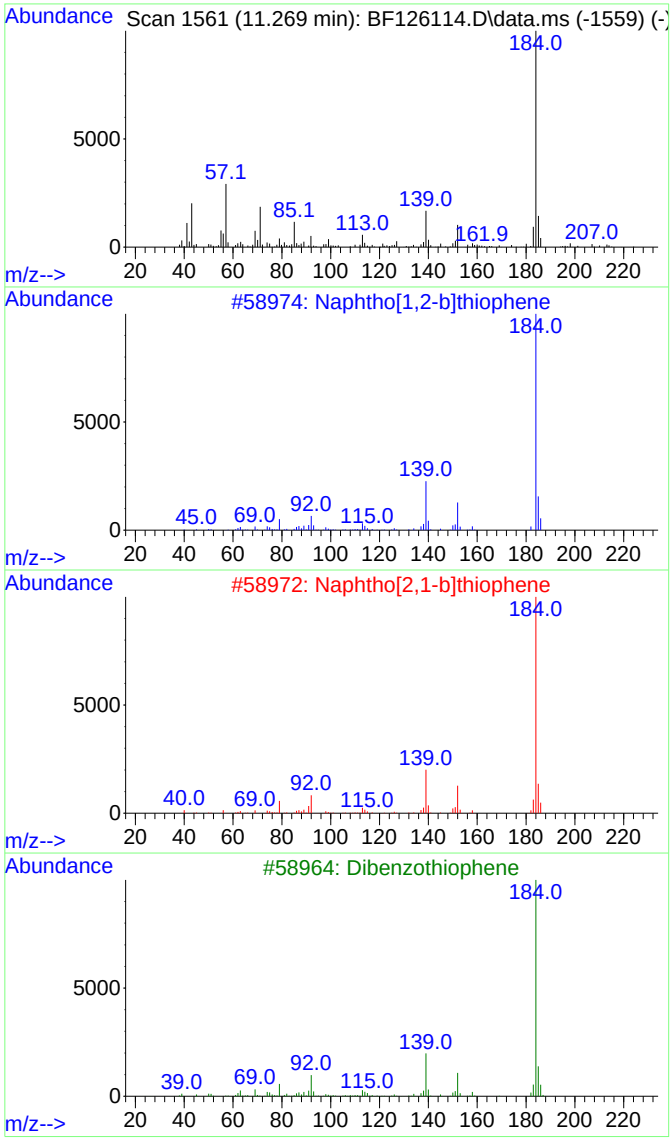
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

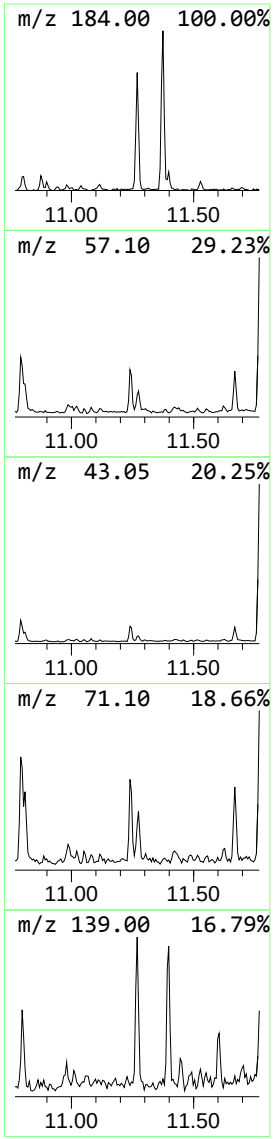
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	3.45 ng	192871	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

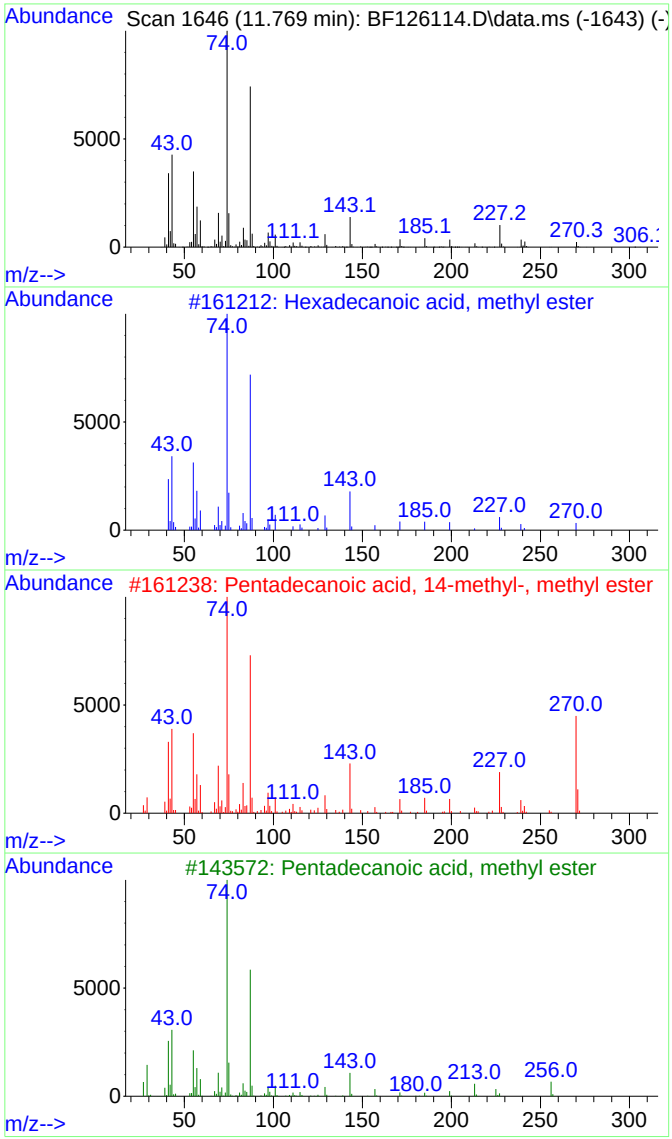
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

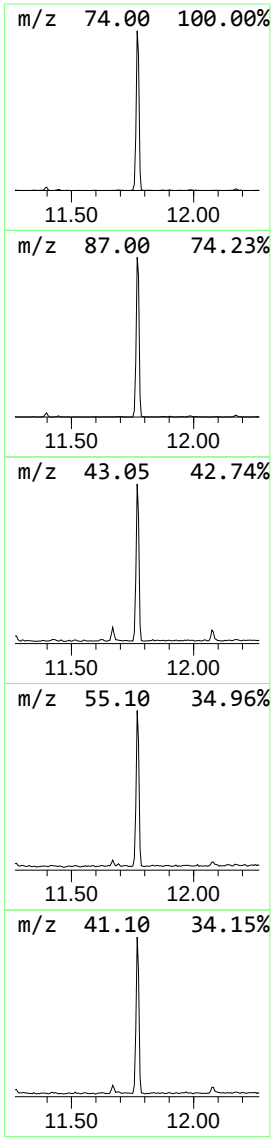
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	69.07 ng	3858590	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	81
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Sample : M4604-01
Misc :
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ClientSampleId :
TR-05-110921

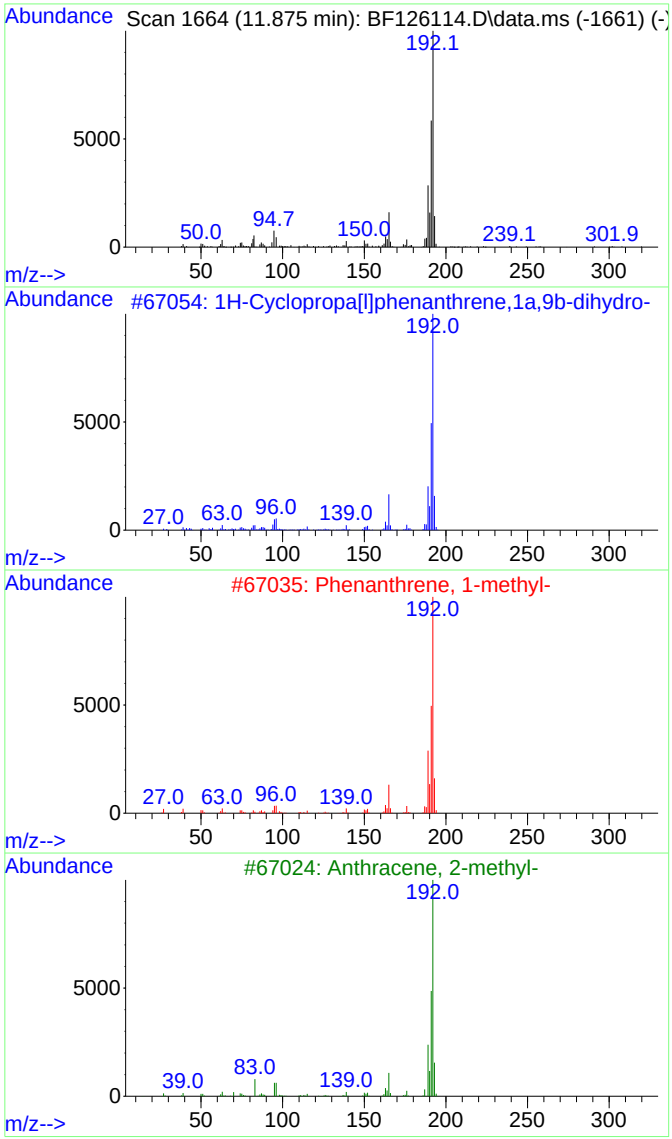
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

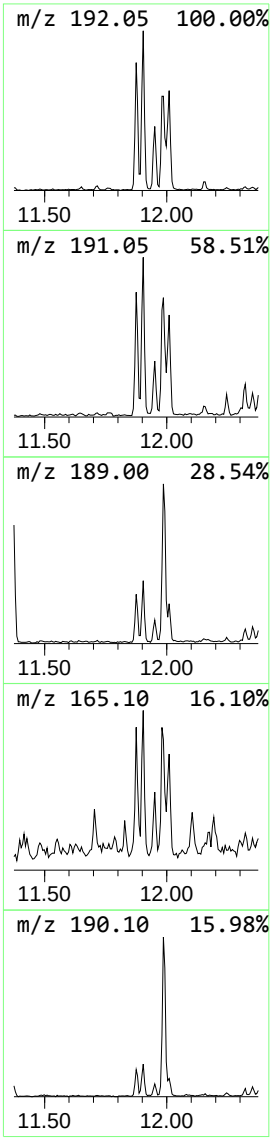
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	5.50 ng	307243	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : JU/CG
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Misc :
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ClientSampleId :
TR-05-110921

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

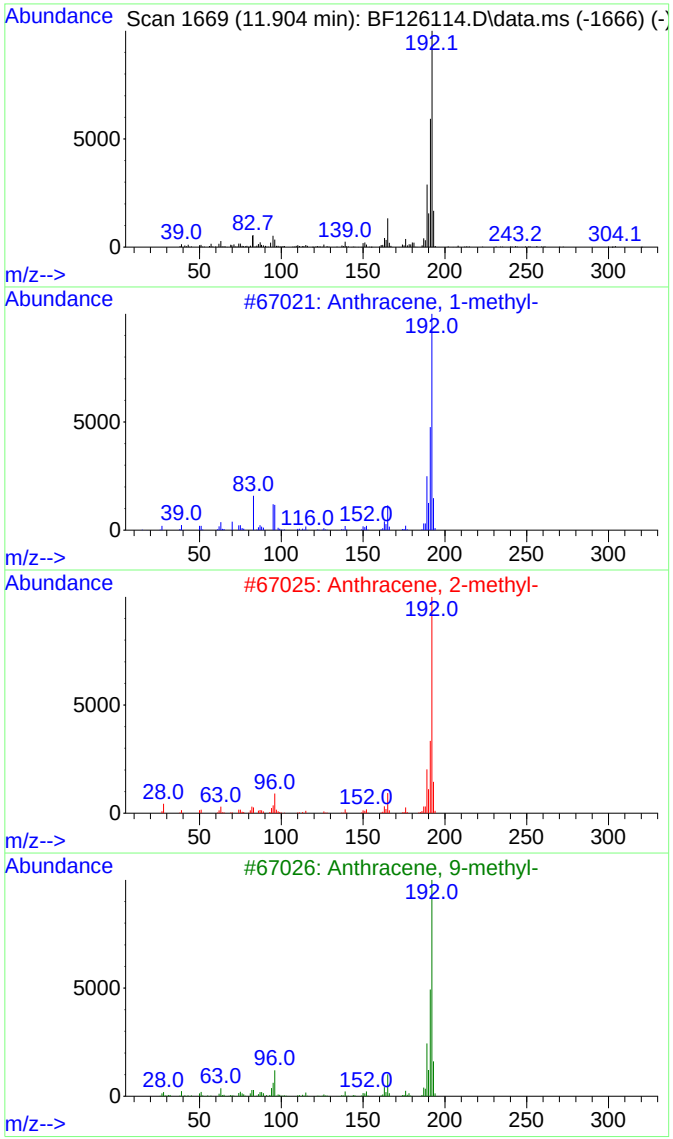
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

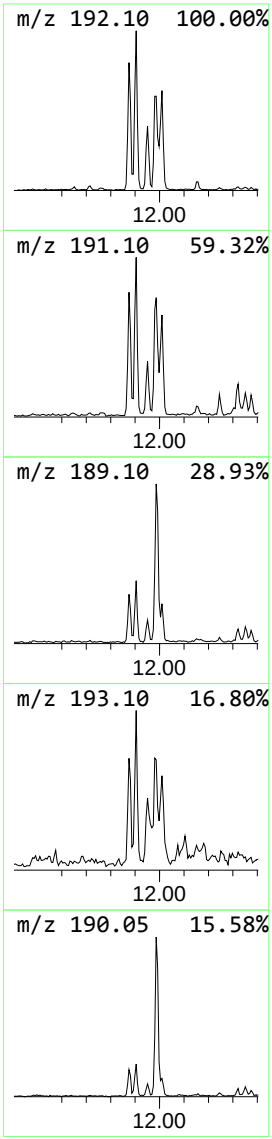
****

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	6.58 ng	367326	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
TR-05-110921

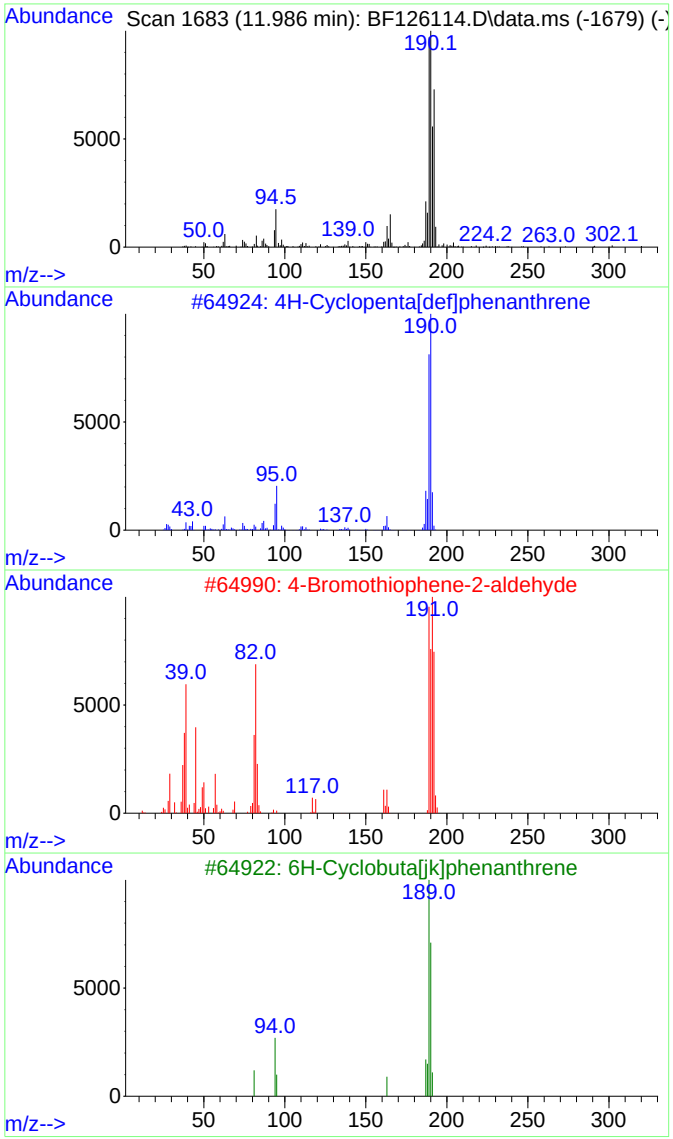
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

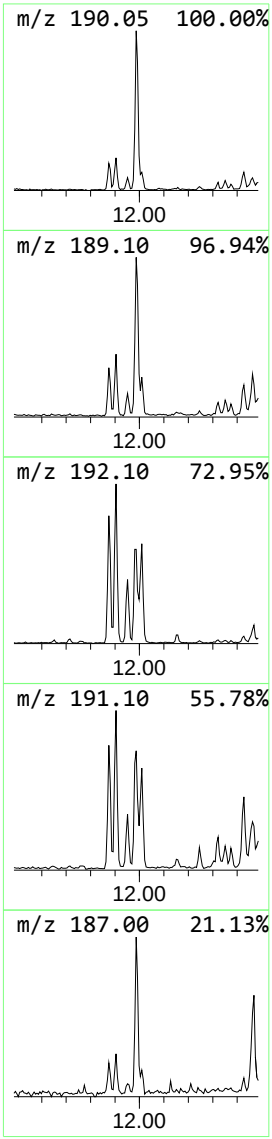
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	11.01 ng	615048	Phenanthrene-d10	11.375

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	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25





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Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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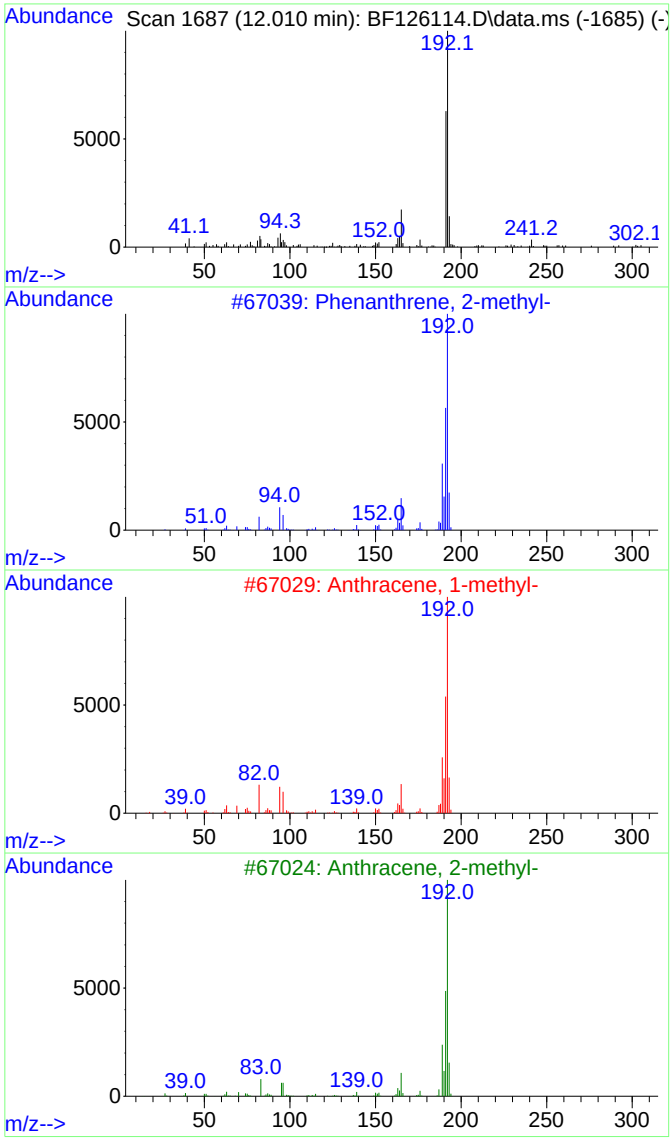
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

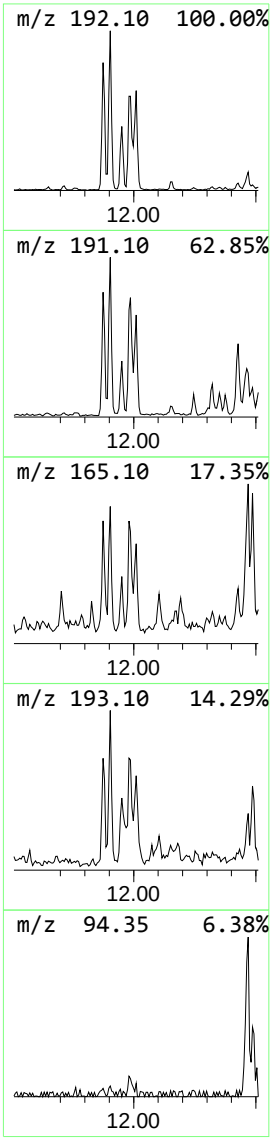
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	4.52 ng	252559	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

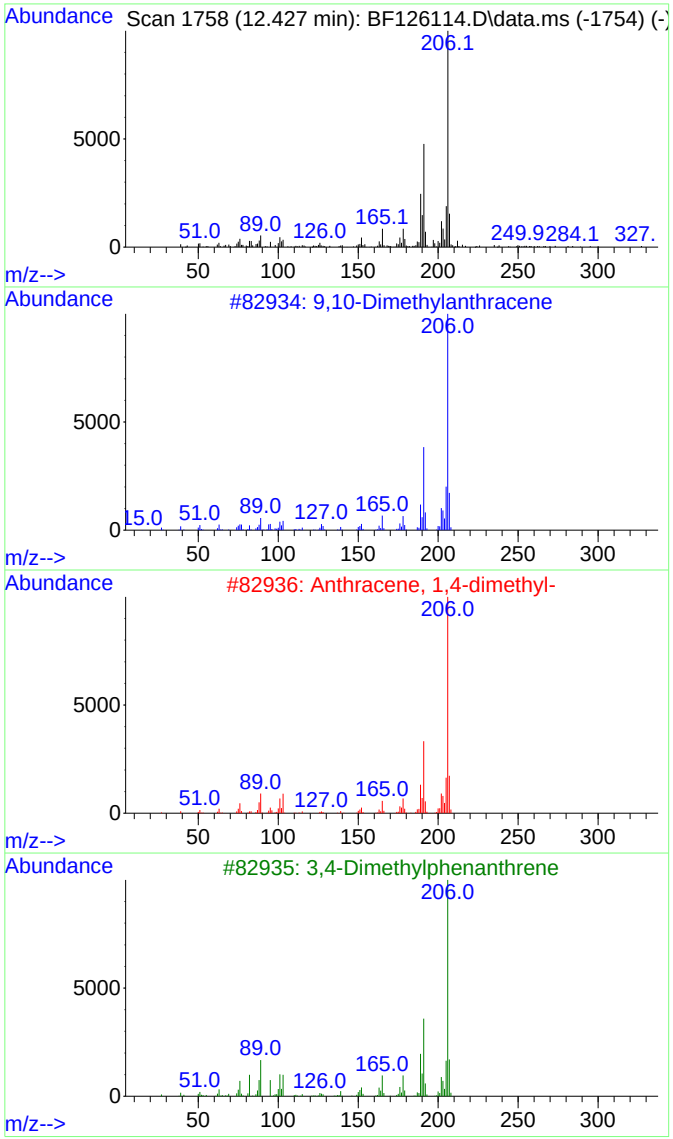
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

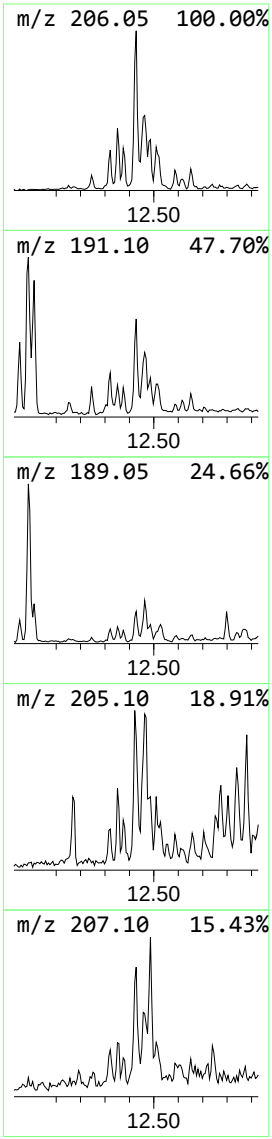
****

Peak Number 14 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	5.61 ng	313237	Phenanthrene-d10	11.375

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	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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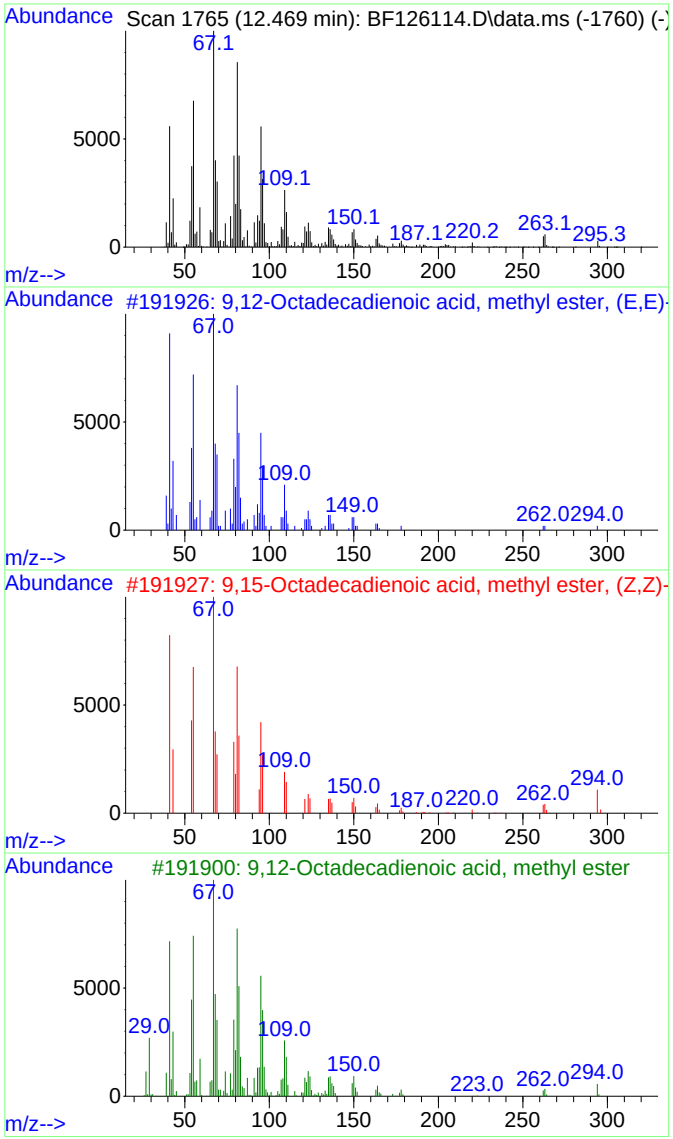
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

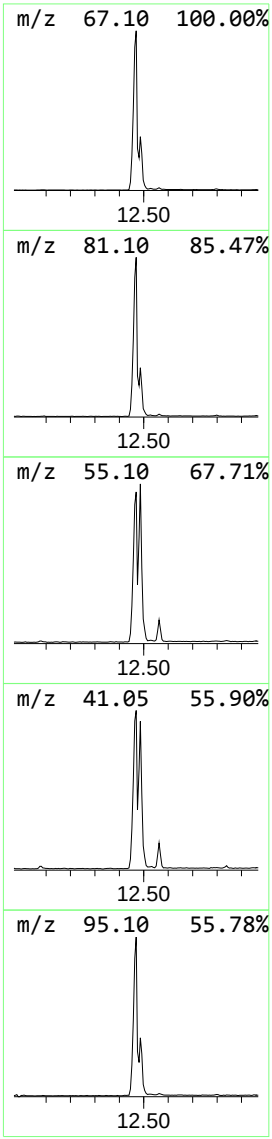
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	272.86 ng	15243300	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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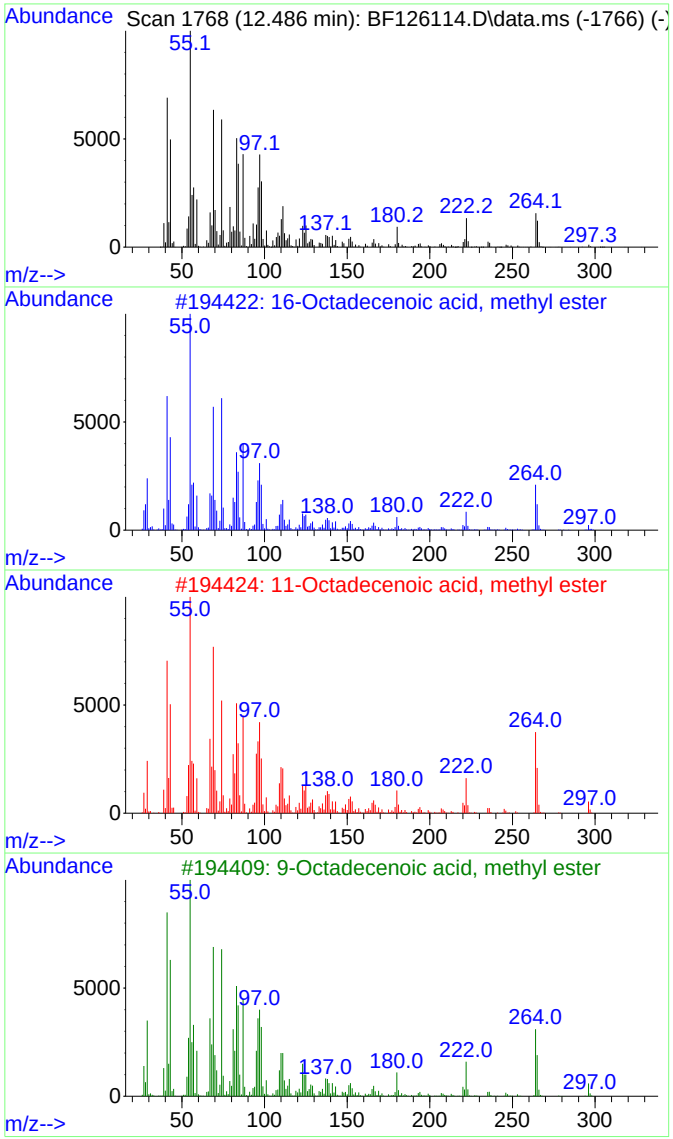
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

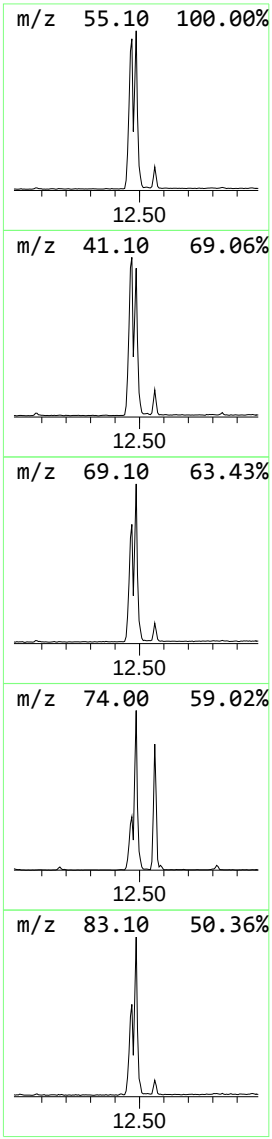
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	174.92 ng	9772290	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	90
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

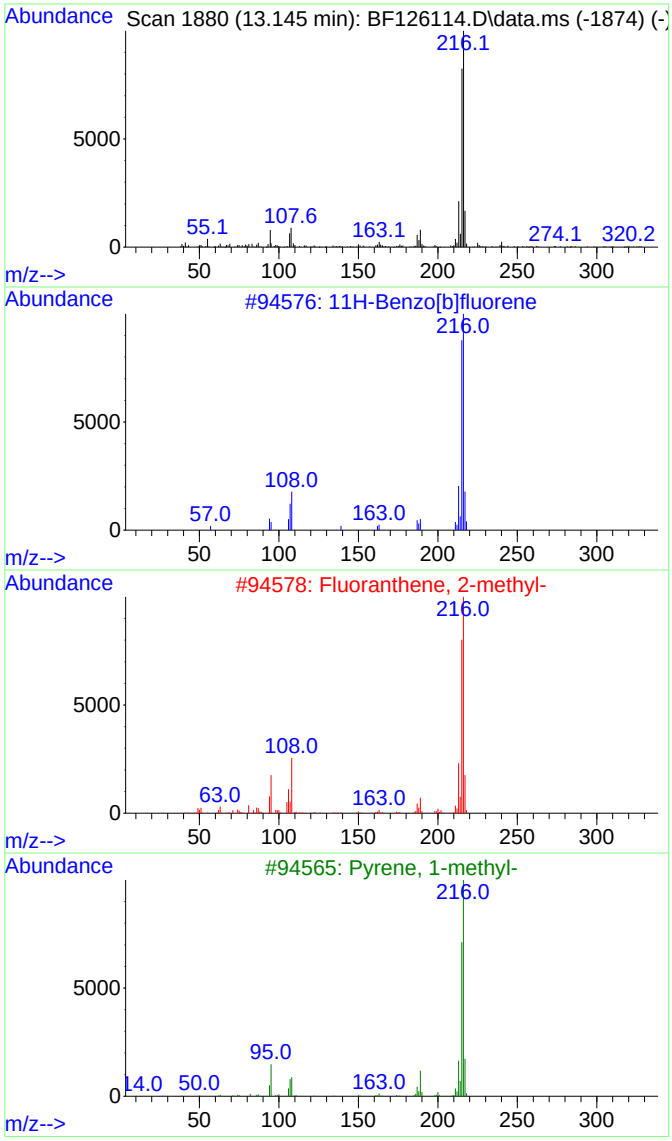
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

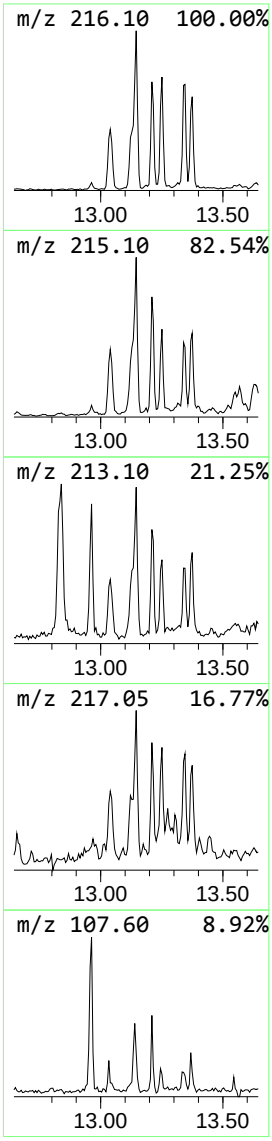
****

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	6.11 ng	548768	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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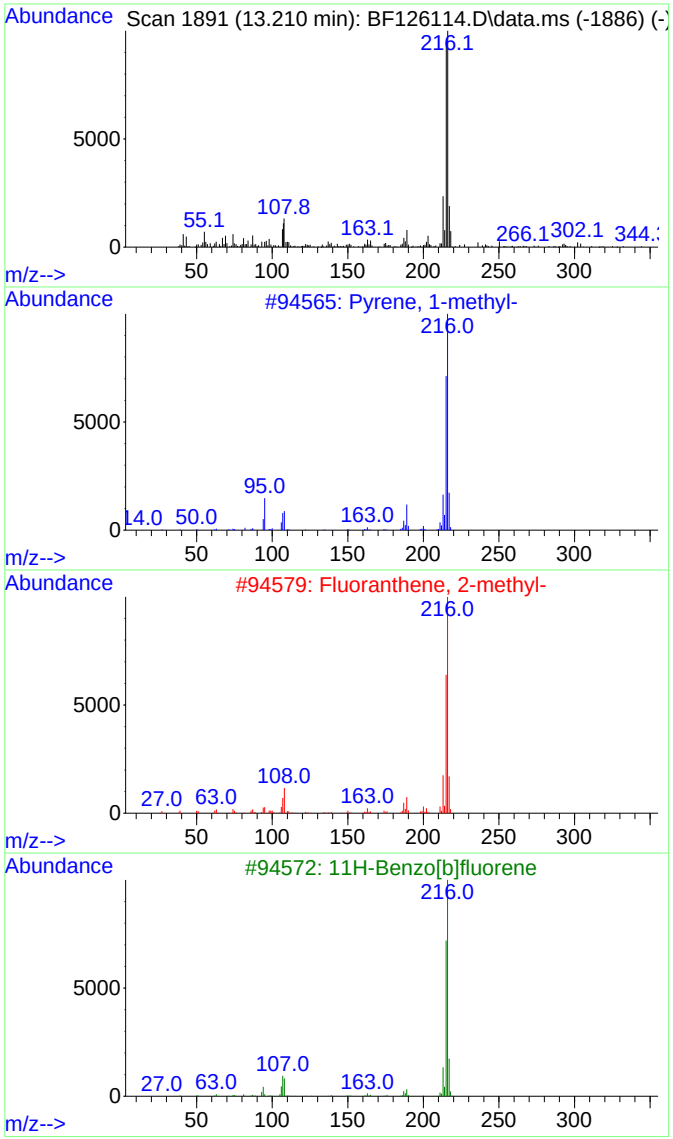
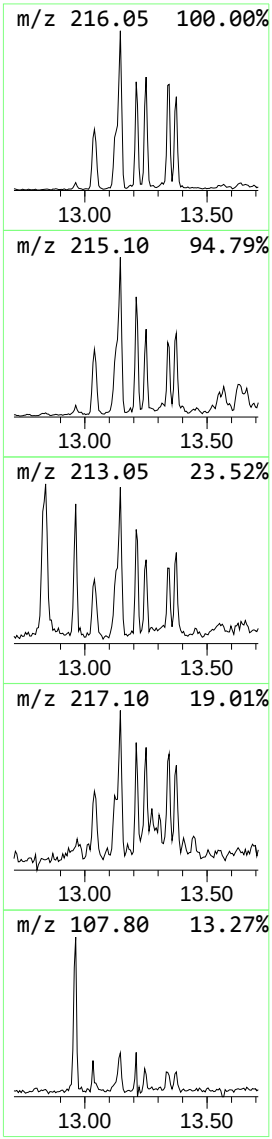
****

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	4.45 ng	399962	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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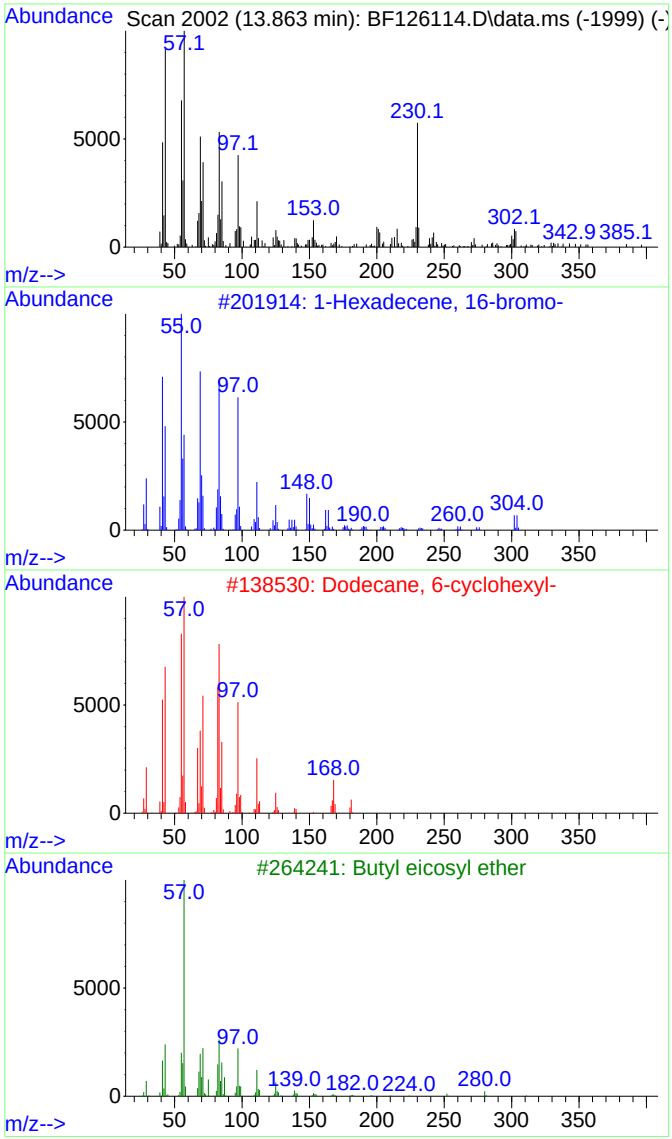
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

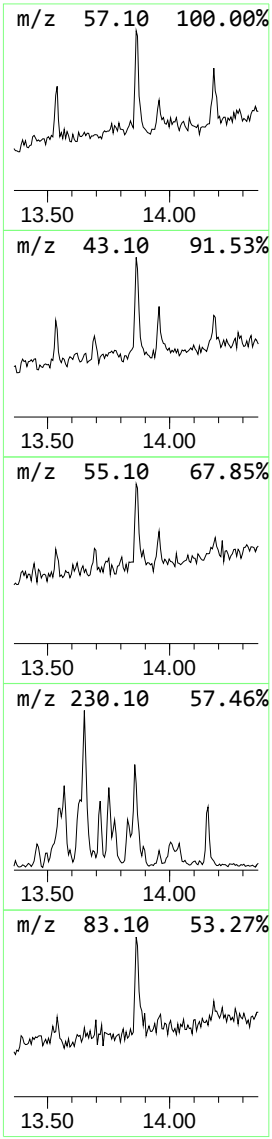
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1-Hexadecene, 16-bromo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	4.27 ng	383024	Chrysene-d12	14.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	83
2	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	62
3	Butyl eicosyl ether	354	C24H50O	1000406-40-7	62
4	1-Docosene	308	C22H44	001599-67-3	60
5	1-Tetracosene	336	C24H48	010192-32-2	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126114.D
Acq On : 10 Nov 2021 18:48
Operator : JU/CG
Sample : M4604-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-110921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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...	2.175	27.0	ng	1402010	1	6.851	1040120	20.0
2-Pentanone, 4-...	5.075	12.8	ng	666179	1	6.851	1040120	20.0
Tetradecane	9.292	4.2	ng	272613	3	9.886	1299420	20.0
Naphthalene, 1,...	9.475	3.7	ng	241006	3	9.886	1299420	20.0
Naphthalene, 2,...	9.545	4.0	ng	256438	3	9.886	1299420	20.0
Hexadecane	10.322	3.3	ng	215589	3	9.886	1299420	20.0
Heptadecane	10.792	7.6	ng	423710	4	11.375	1117320	20.0
Naphtho[1,2-b]t...	11.269	3.5	ng	192871	4	11.375	1117320	20.0
Hexadecanoic ac...	11.769	69.1	ng	3858590	4	11.375	1117320	20.0
1H-Cyclopropa[l...	11.874	5.5	ng	307243	4	11.375	1117320	20.0
Anthracene, 1-m...	11.904	6.6	ng	367326	4	11.375	1117320	20.0
4H-Cyclopenta[d...	11.986	11.0	ng	615048	4	11.375	1117320	20.0
Phenanthrene, 2...	12.010	4.5	ng	252559	4	11.375	1117320	20.0
9,10-Dimethylan...	12.427	5.6	ng	313237	4	11.375	1117320	20.0
9,12-Octadecadi...	12.469	272.9	ng	15243300	4	11.375	1117320	20.0
16-Octadecenoic...	12.486	174.9	ng	9772290	4	11.375	1117320	20.0
11H-Benzo[b]flu...	13.145	6.1	ng	548768	5	14.016	1795630	20.0
Pyrene, 1-methyl-	13.210	4.5	ng	399962	5	14.016	1795630	20.0
1-Hexadecene, 1...	13.863	4.3	ng	383024	5	14.016	1795630	20.0