LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136036.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	497	505	512	rBV	110541	135245	3.32%	0.324%
2	5.451	567	572	575	rBV	3543864	3480433	85.50%	8.326%
3	6.451	734	742	745	rBV	3129310	3627620	89.12%	8.678%
4	6.645	772	775	781	rBV	78715	72855	1.79%	0.174%
5	6.822	801	805	808	rBV	1254186	1005674	24.71%	2.406%
6	7.381	892	900	903	rBV	2395378	2392972	58.79%	5.725%
7	8.098	1017	1022	1025	rBV	1697051	1383253	33.98%	3.309%
8	8.528	1091	1095	1096	rBV2	50372	51156	1.26%	0.122%
9	8.604	1105	1108	1111	rBV	89711	82570	2.03%	0.198%
10	8.645	1111	1115	1120	rVV7	35341	74652	1.83%	0.179%
11	8.928	1157	1163	1165	rBV2	172539	209759	5.15%	0.502%
12	8.986	1170	1173	1175	rVV3	47627	54404	1.34%	0.130%
13	9.063	1184	1186	1189	rVB3	76676	64267	1.58%	0.154%
14	9.128	1195	1197	1201	rVB3	117958	108234	2.66%	0.259%
15	9.181	1202	1206	1209	rVB	4818649	4070652	100.00%	9.738%
16	9.257	1215	1219	1224	rBV6	206440	341580	8.39%	0.817%
17	9.298	1224	1226	1229	rVV3	128942	149400	3.67%	0.357%
18	9.328	1229	1231	1234	rVV	128819	126605	3.11%	0.303%
19	9.357	1234	1236	1241	rVB6	83881	133817	3.29%	0.320%
20	9.492	1256	1259	1261	rBV3	238195	227877	5.60%	0.545%
21	9.528	1263	1265	1269	rVB2	212267	257551	6.33%	0.616%
22	9.569	1269	1272	1273	rBV	302739	255553	6.28%	0.611%
23	9.586	1273	1275	1277	rVV2	238659	186838	4.59%	0.447%
24	9.610	1277	1279	1281	rVV2	81180	77638	1.91%	0.186%
25	9.675	1288	1290	1293	rBV3	111188	90400	2.22%	0.216%
26	9.728	1296	1299	1302	rBV4	223157	309499	7.60%	0.740%
27	9.769	1303	1306	1309	rVB4	434773	454416	11.16%	1.087%
28	9.804	1309	1312	1315	rBV3	186915	253885	6.24%	0.607%
29	9.857	1315	1321	1324	rBV	1898329	1988825	48.86%	4.758%
30	10.128	1364	1367	1369	rBV2	166095	188233	4.62%	0.450%
31	10.181	1373	1376	1377	rBV2	243336	215489	5.29%	0.516%
32	10.198	1377	1379	1382	rVB2	252026	205109	5.04%	0.491%
33	10.233	1383	1385	1388	rVB3	198654	176333	4.33%	0.422%
34	10.269	1388	1391	1393	rBV2	465174	406679	9.99%	0.973%
35	10.528	1432	1435	1440	rBV	432891	466084	11.45%	1.115%
36	10.651	1452	1456	1459	rBV	2616402	2452684	60.25%	5.868%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

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-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.792	1476	1480	1485	rBV	1330490	1594103	39.16%	3.814%
38	11.233	1553	1555	1557	rBV	542544	471979	11.59%	1.129%
39	11.263	1558	1560	1564	rVB	1159359	1108088	27.22%	2.651%
40	11.357	1573	1576	1578	rBV	1288934	1114458	27.38%	2.666%
41	12.574	1780	1783	1787	rVB	828893	718780	17.66%	1.720%
42	12.692	1800	1803	1808	rVB	542914	559784	13.75%	1.339%
43	12.804	1820	1822	1826	rVB	552589	441673	10.85%	1.057%
44	12.957	1844	1848	1856	rVB	3533673	3389901	83.28%	8.110%
45	13.874	2001	2004	2019	rVB3	420885	858461	21.09%	2.054%
46	14.004	2022	2026	2029	rVV3	1326956	1509747	37.09%	3.612%
47	14.033	2029	2031	2033	rVB	284683	212787	5.23%	0.509%
48	14.521	2111	2114	2123	rVB2	279110	394684	9.70%	0.944%
49	14.963	2186	2189	2193	rVB	191557	184695	4.54%	0.442%
50	15.057	2201	2205	2213	rVB	303021	623881	15.33%	1.493%
51	15.168	2220	2224	2227	rVB	181467	205154	5.04%	0.491%
52	15.210	2227	2231	2241	rBV6	165555	411188	10.10%	0.984%
53	15.363	2254	2257	2263	rVB	190798	232440	5.71%	0.556%
54	15.421	2264	2267	2273	rVB	224201	266337	6.54%	0.637%
55	15.492	2275	2279	2283	rBV	824530	1033877	25.40%	2.473%
56	16.027	2366	2370	2375	rBV2	145199	228096	5.60%	0.546%
57	16.992	2530	2534	2544	rVB2	71743	153435	3.77%	0.367%
58	17.686	2646	2652	2664	rVB9	90902	308328	7.57%	0.738%

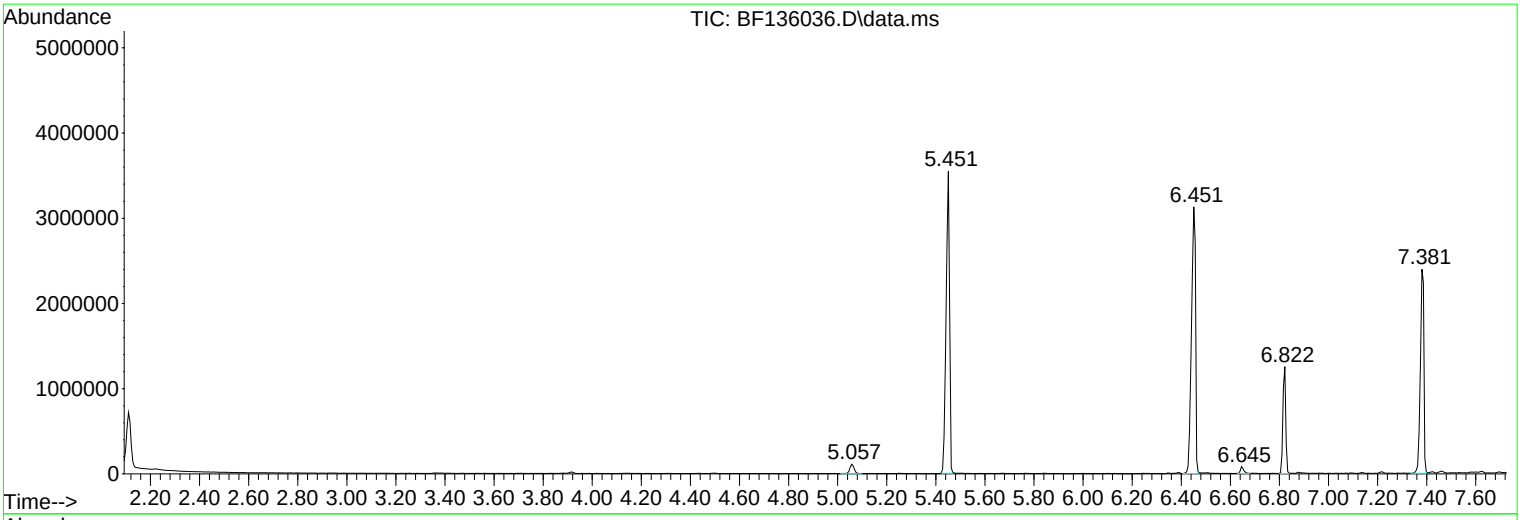
Sum of corrected areas: 41800117

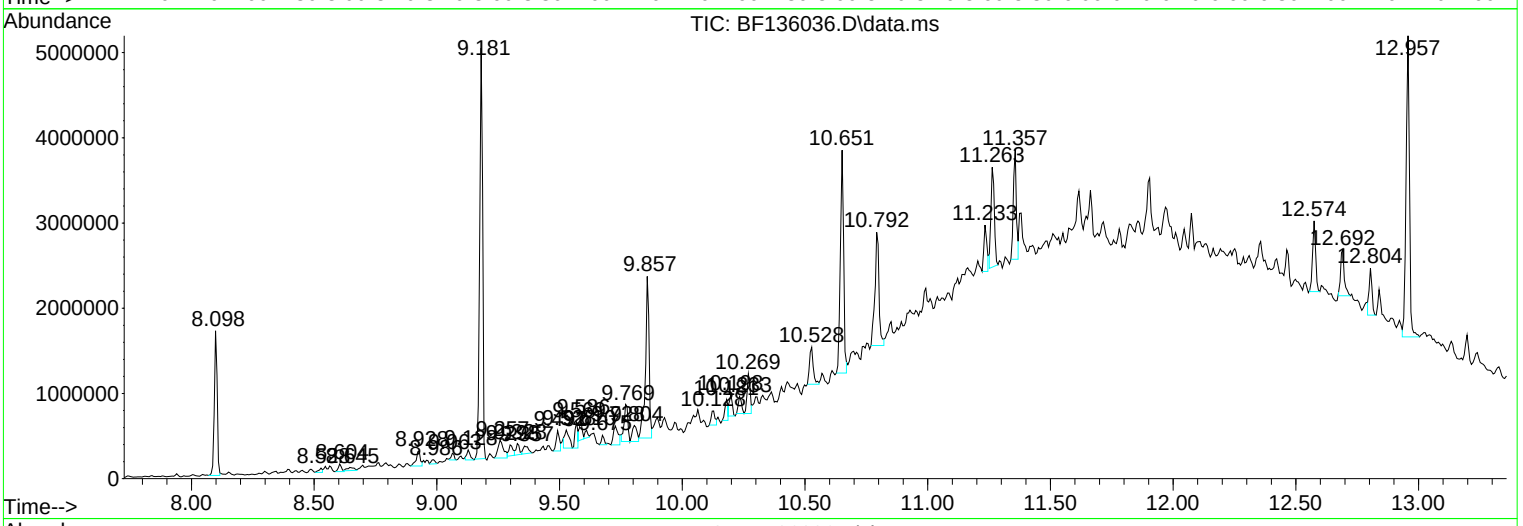
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

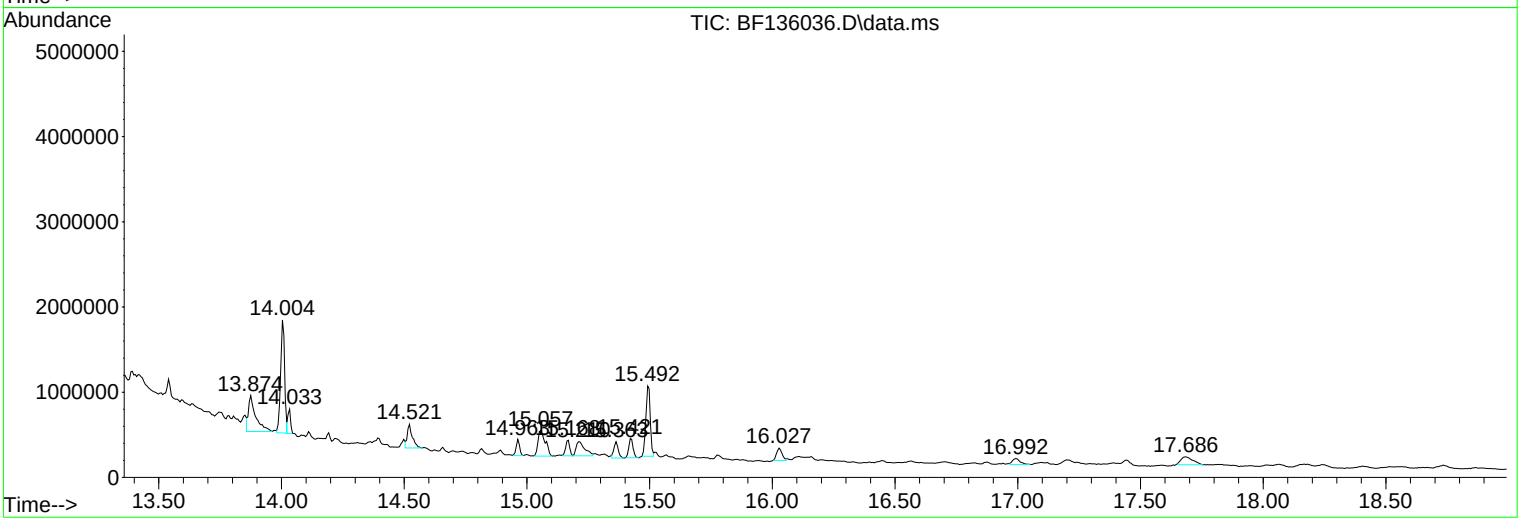
Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

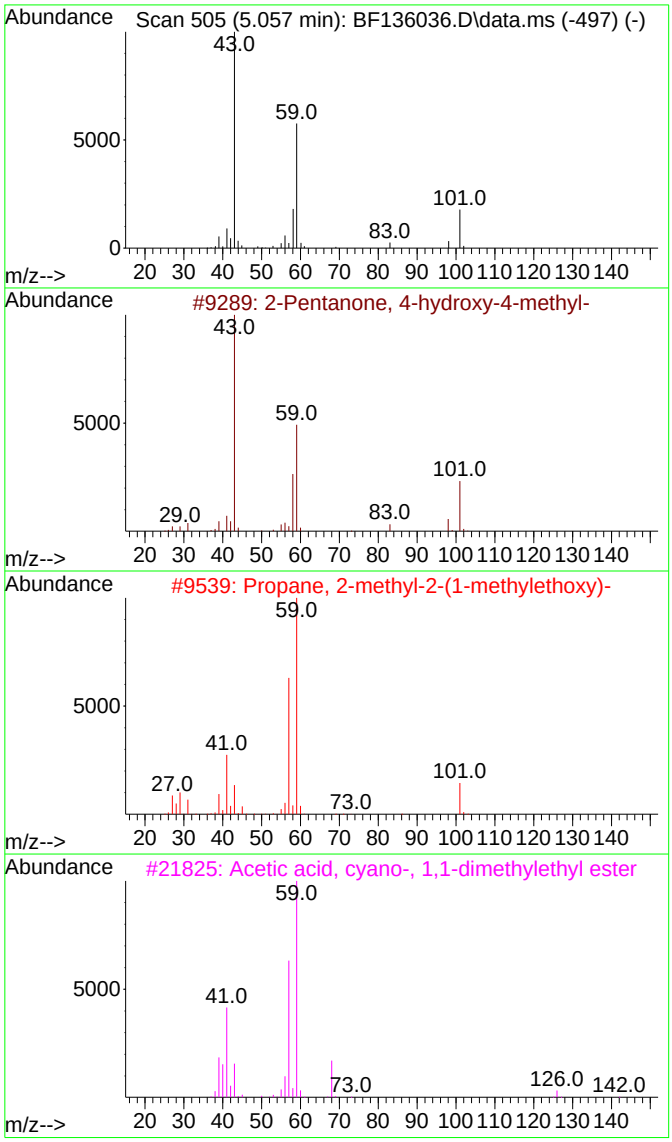
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

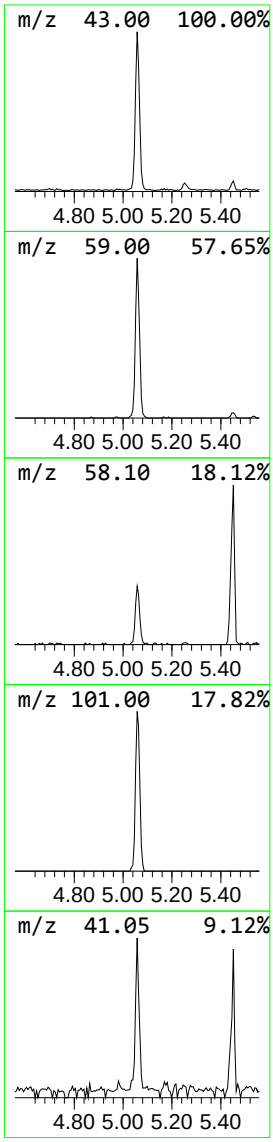
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	2.69 ng	135245	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

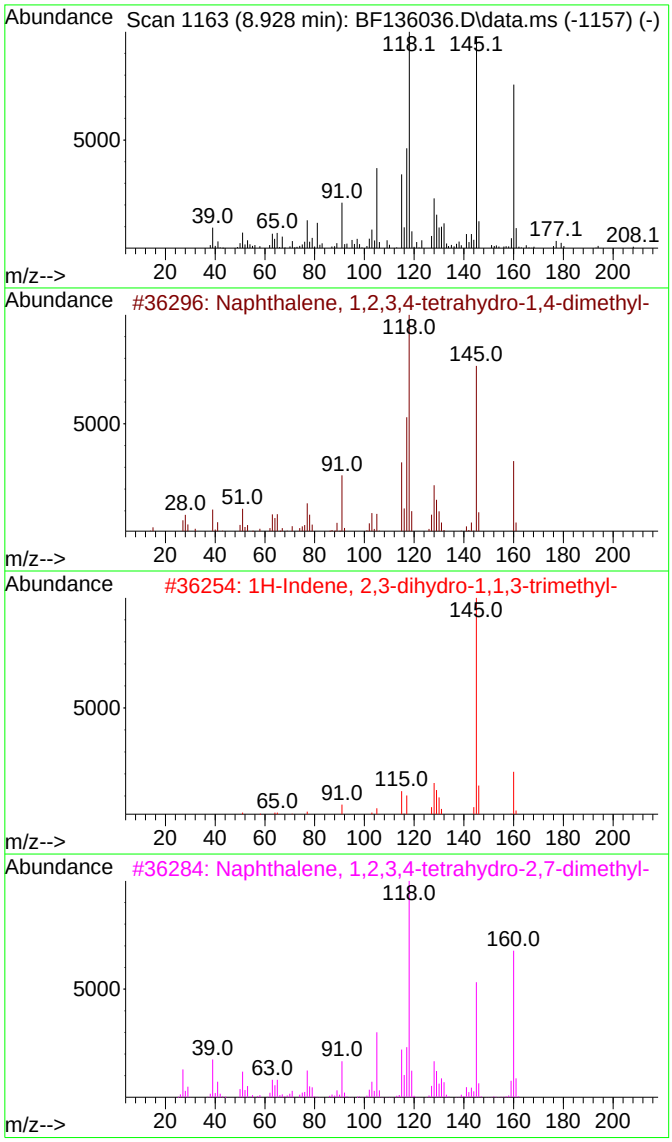
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

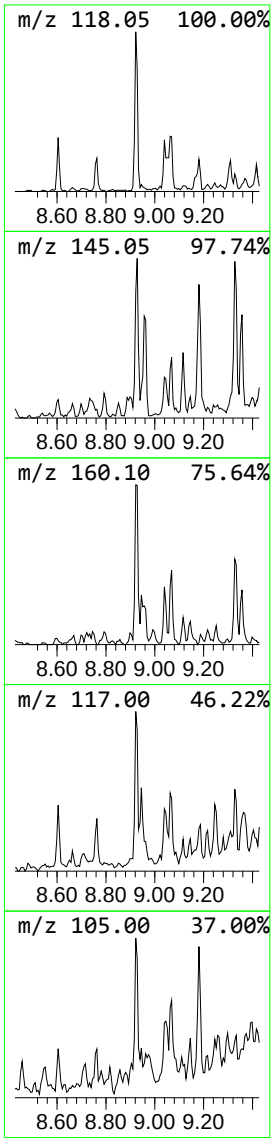
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	3.03 ng	209759	Naphthalene-d8	8.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	78
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

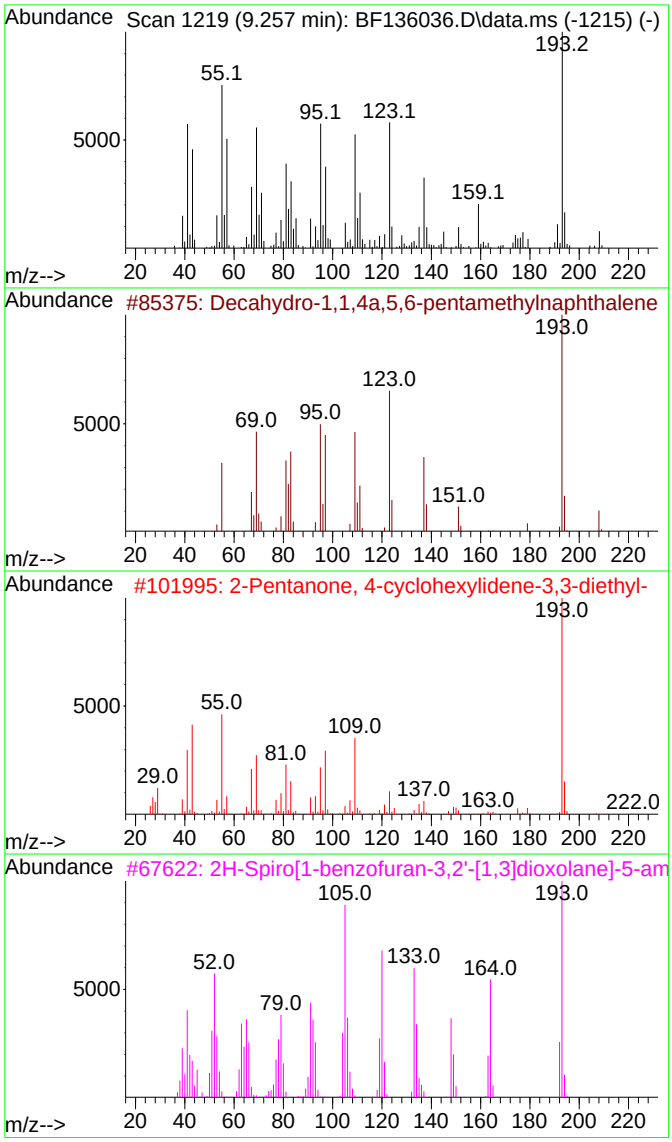
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

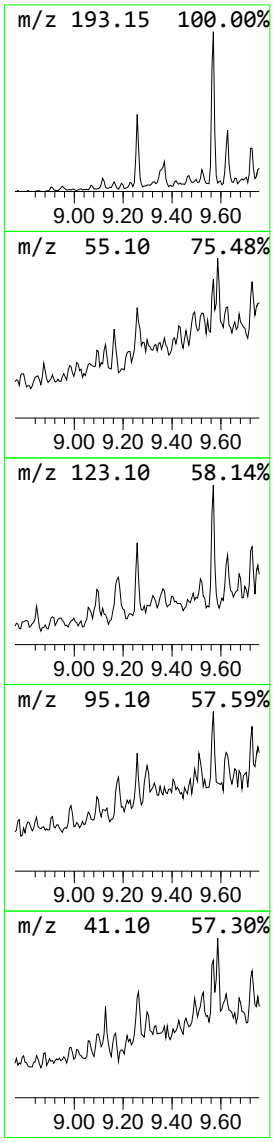
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	3.43 ng	341580	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	55
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	47
3	2H-Spiro[1-benzofuran-3,2'-[1,3]...	193	C10H11NO3	1000387-33-4	35
4	2-Anthracenamine	193	C14H11N	000613-13-8	22
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

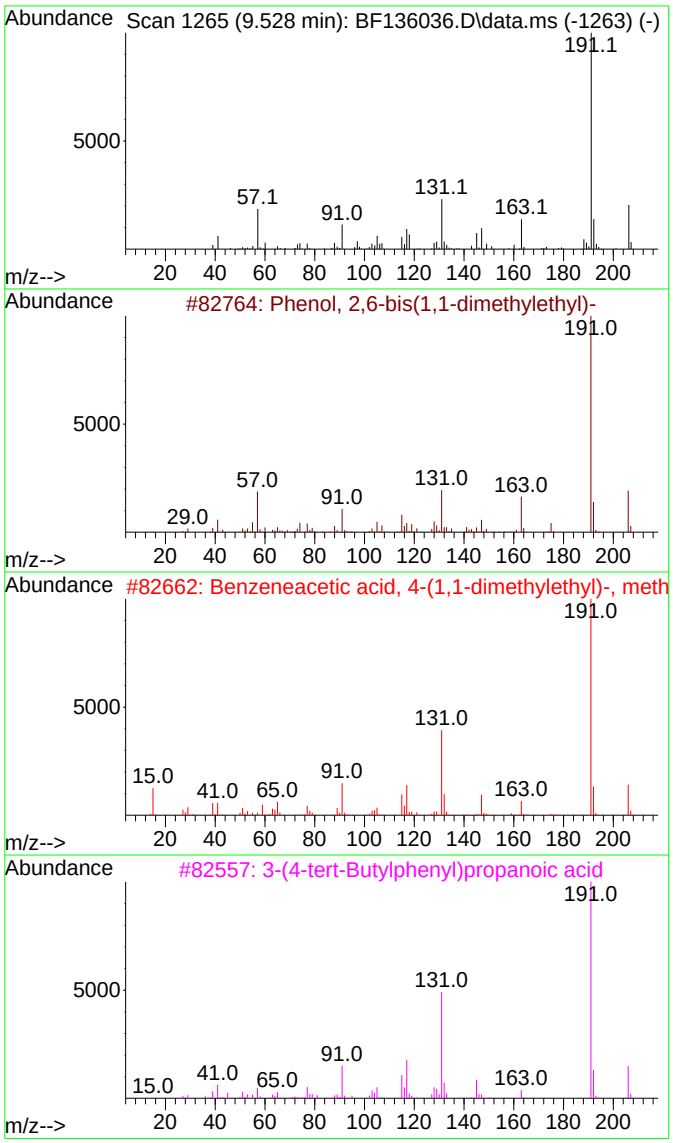
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

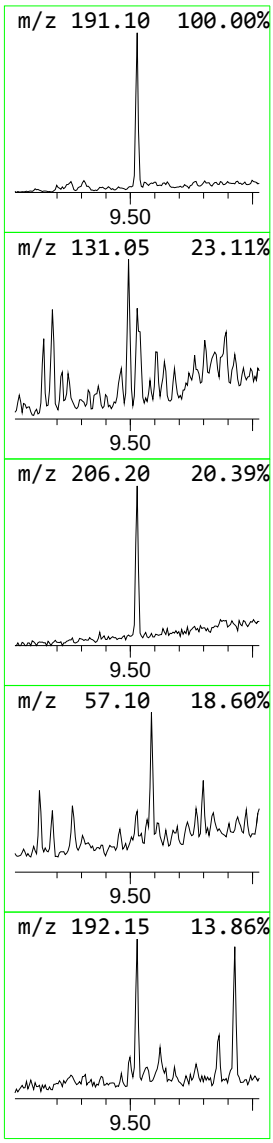
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	2.59 ng	257551	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	93
2	Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	90
3	3-(4-tert-Butylphenyl)propanoic ...	206	C13H18O2	001208-64-6	87
4	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	72
5	3-(4-(tert-Butyl)phenyl)-2-methy...	206	C14H22O	056107-04-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

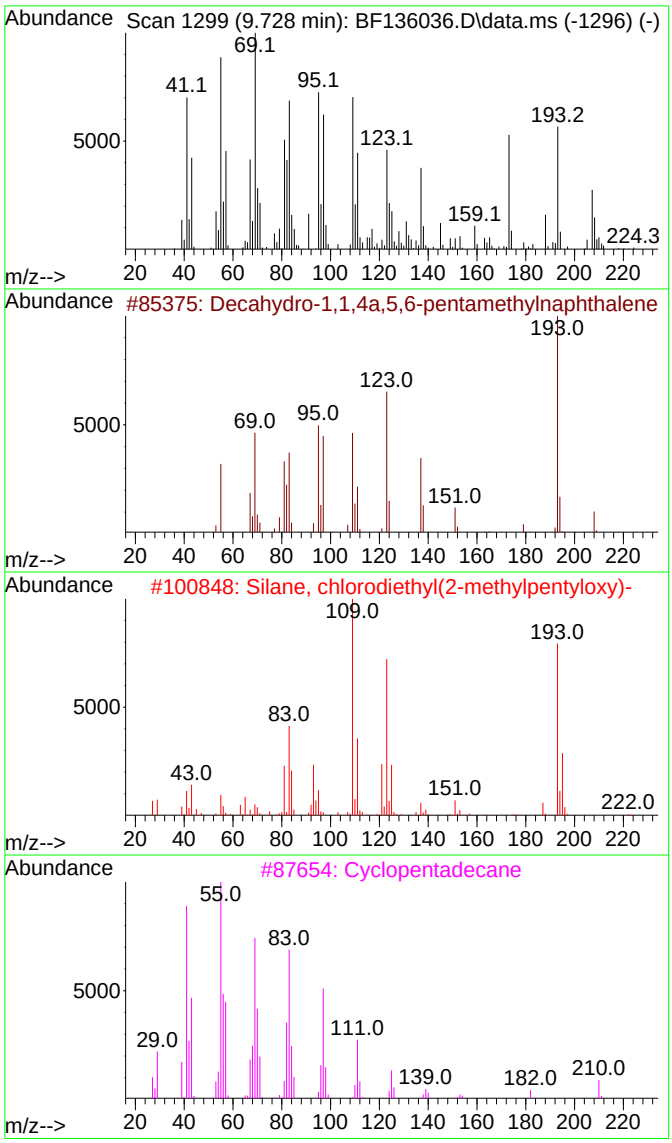
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

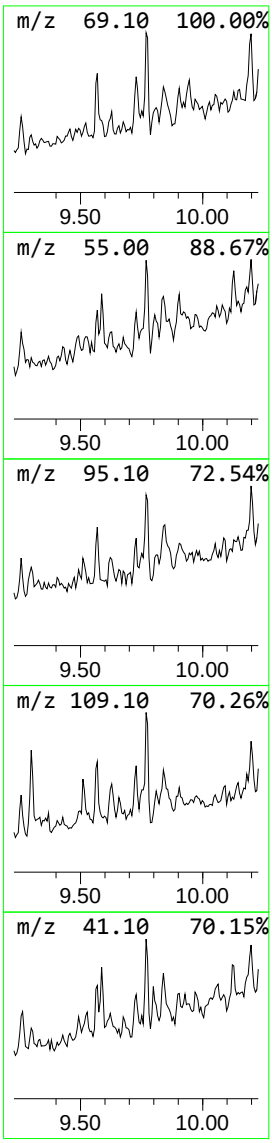
****

Peak Number 5 unknown9.728 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.728	3.11 ng	309499	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	56
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	38
3	Cyclopentadecane	210	C15H30	000295-48-7	30
4	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	30
5	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

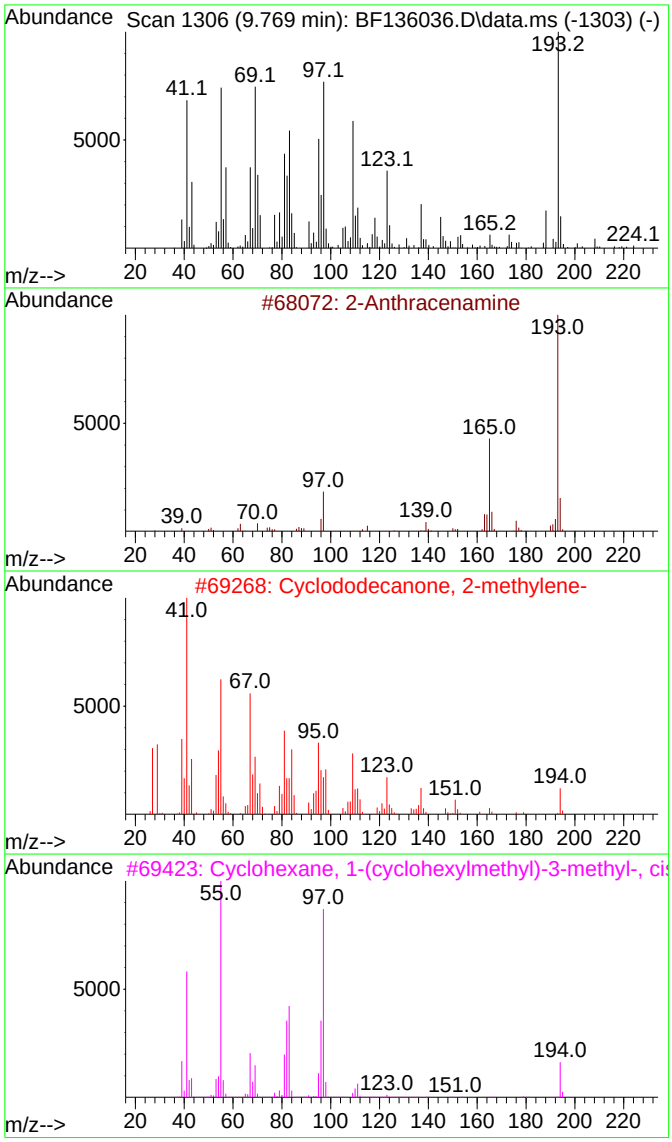
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

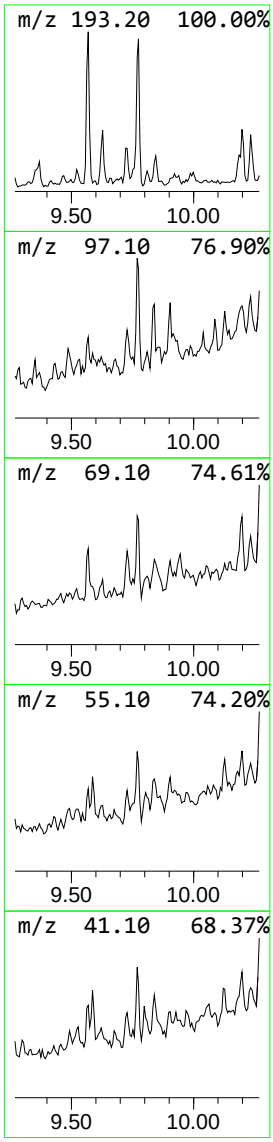
****

Peak Number 6 unknown9.769 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	4.57 ng	454416	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine	193	C14H11N	000613-13-8	46
2	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	20
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

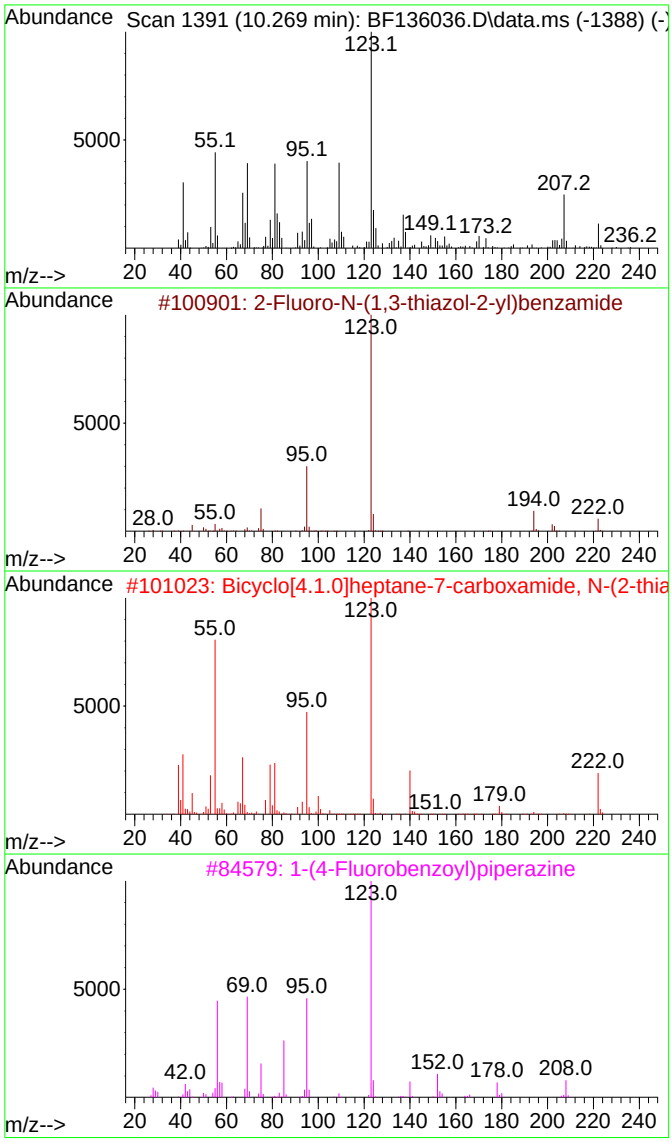
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

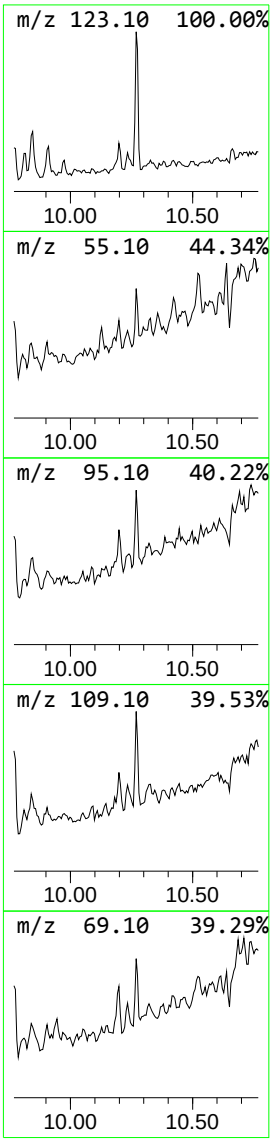
****

Peak Number 7 unknown10.269 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	4.09 ng	406679	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoro-N-(1,3-thiazol-2-yl)ben...	222	C10H7FN2OS	000319-38-0	46
2	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	46
3	1-(4-Fluorobenzoyl)piperazine	208	C11H13FN2O	102391-98-0	43
4	2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	43
5	4-Nitrophenyl bicyclo[4.1.0]hept...	261	C14H15NO4	328938-65-4	43





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Acq On : 30 Oct 2023 19:32
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Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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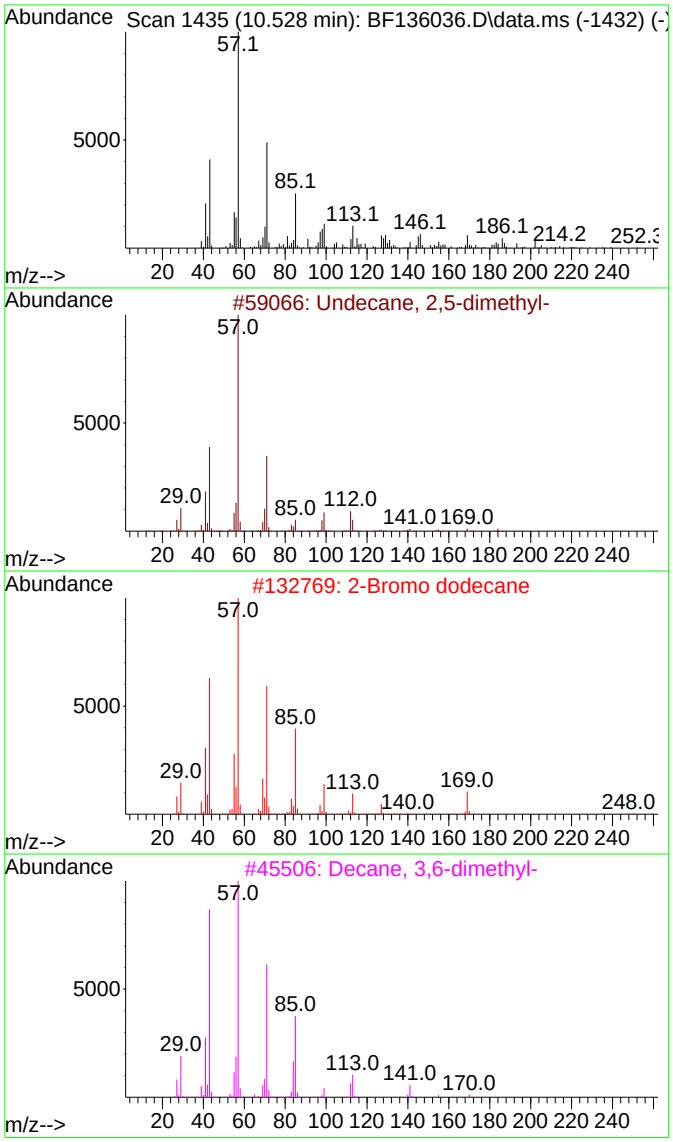
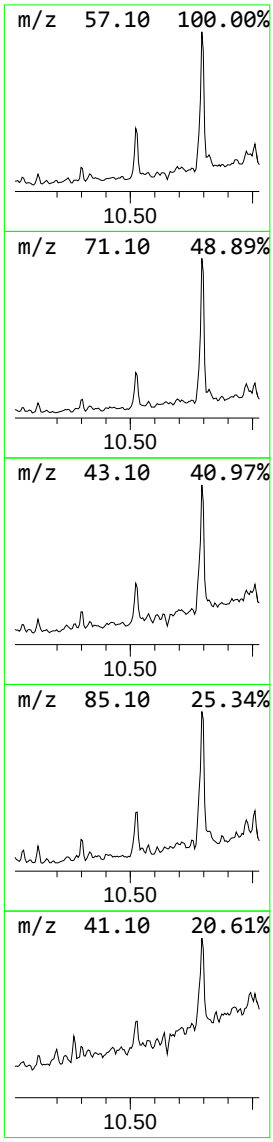
Peak Number 8 Undecane, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	4.69 ng	466084	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	62





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

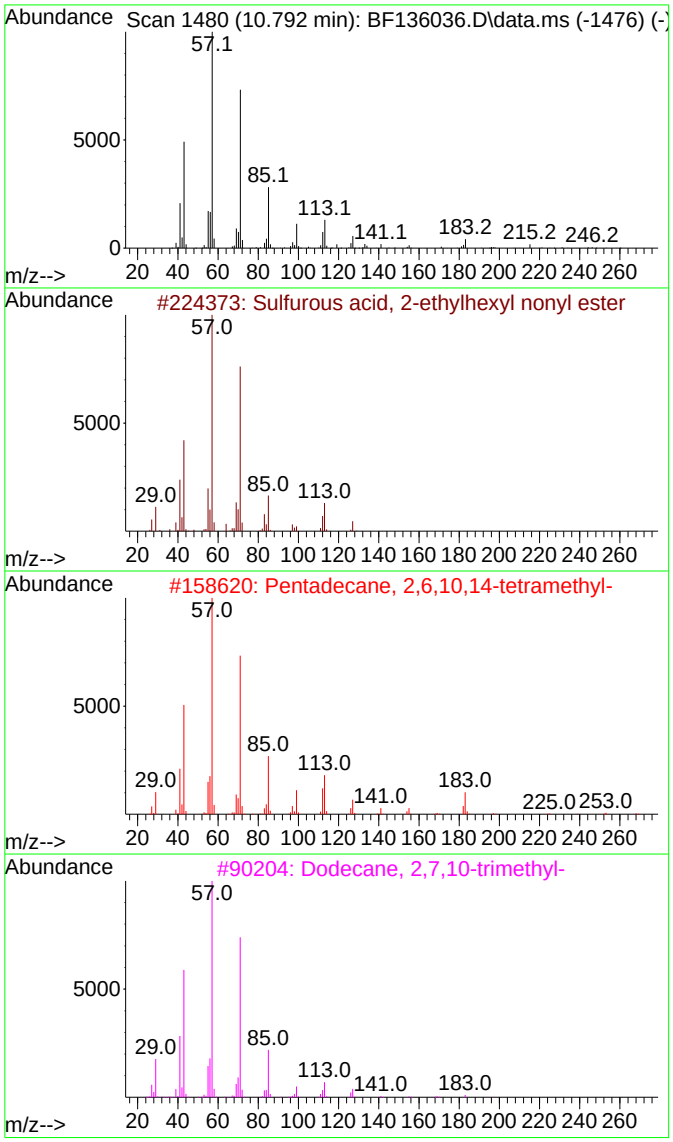
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

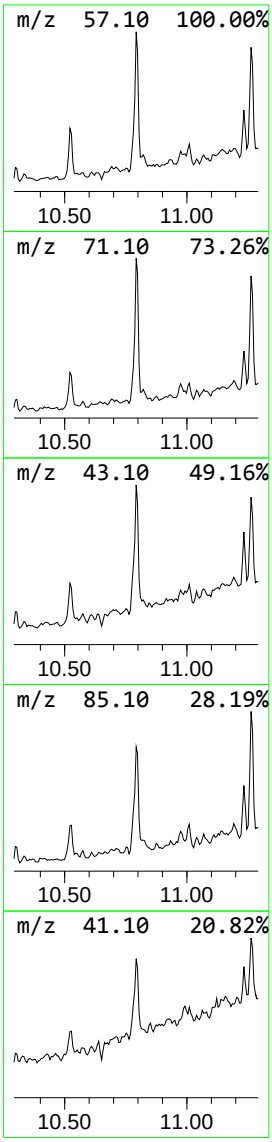
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Sulfurous acid, 2-ethylhexy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	28.61 ng	1594100	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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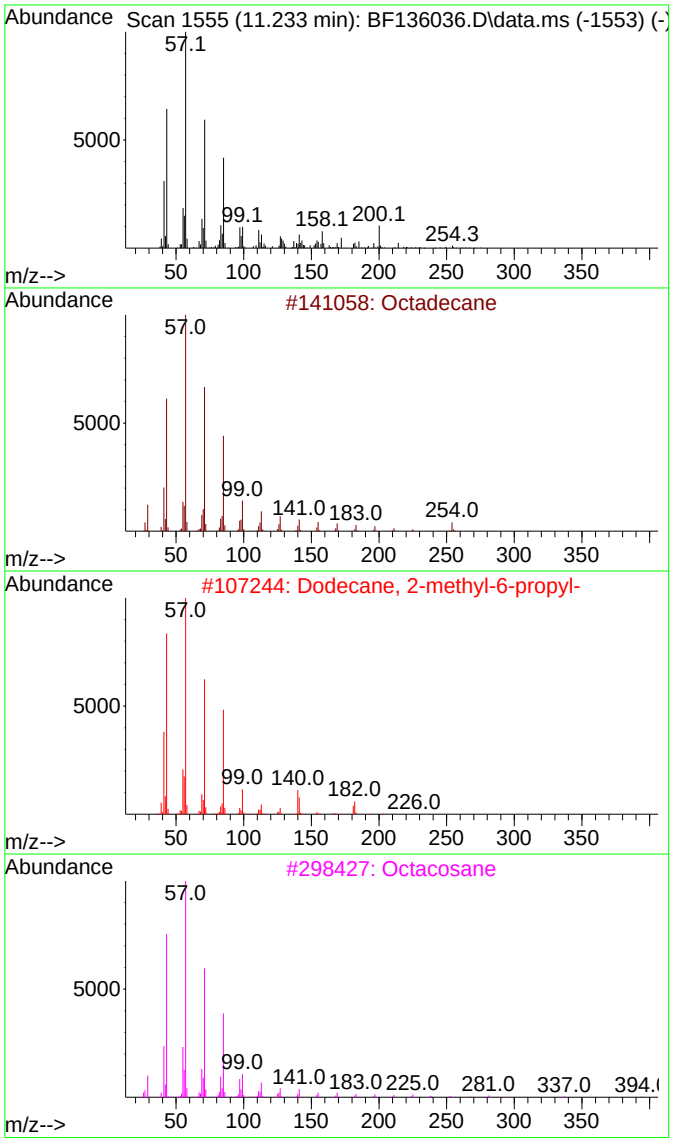
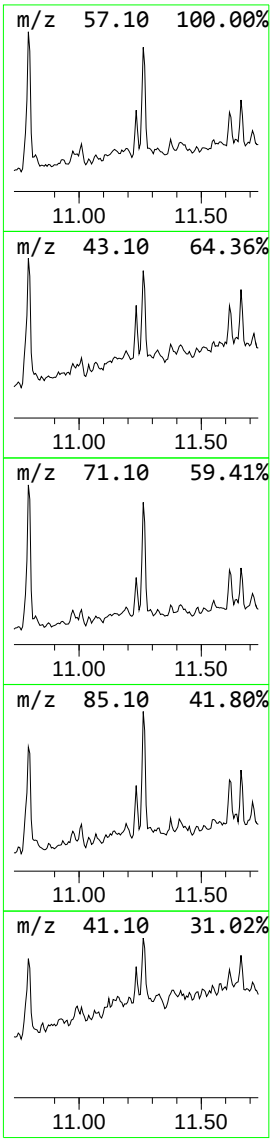
Peak Number 10 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	8.47 ng	471979	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	89
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





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Operator : CG\JU
Sample : 05090-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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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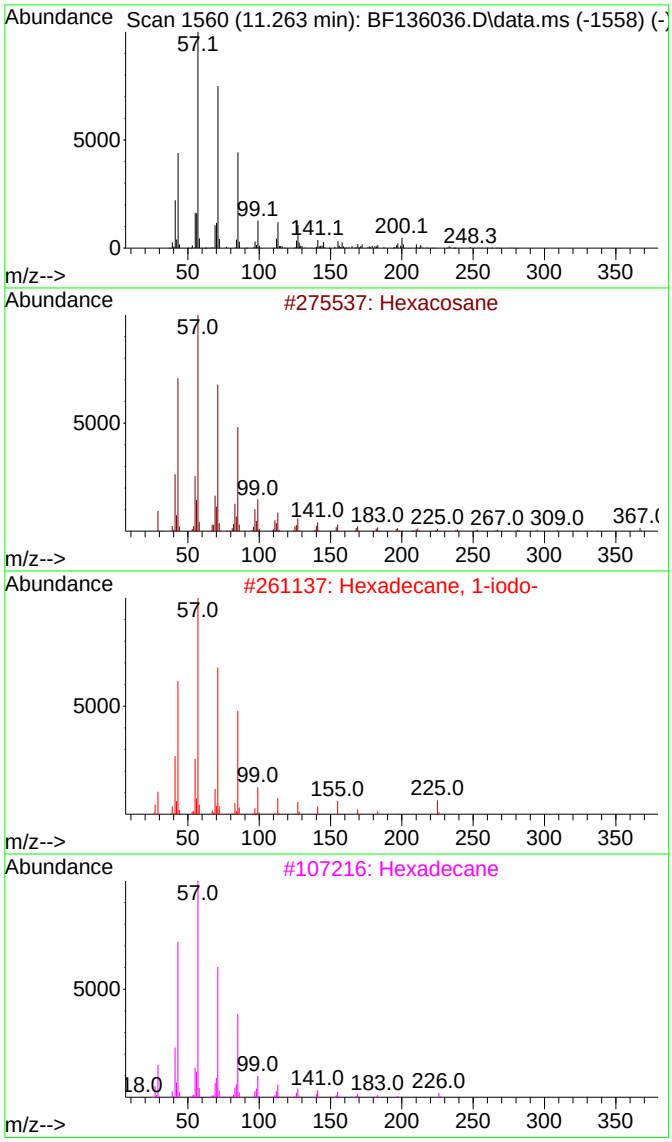
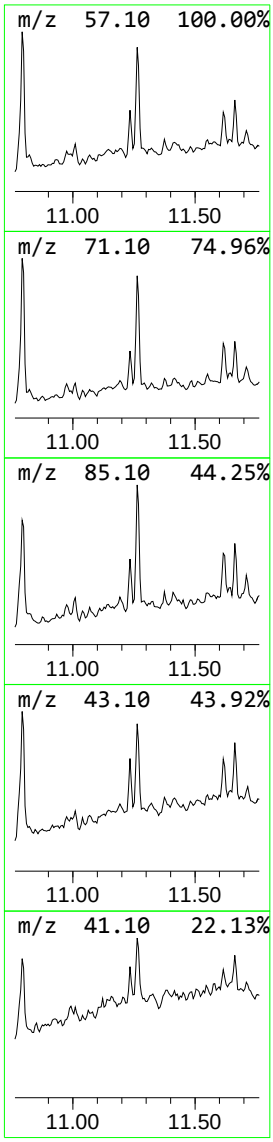
Peak Number 11 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	19.89 ng	1108090	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	86





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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

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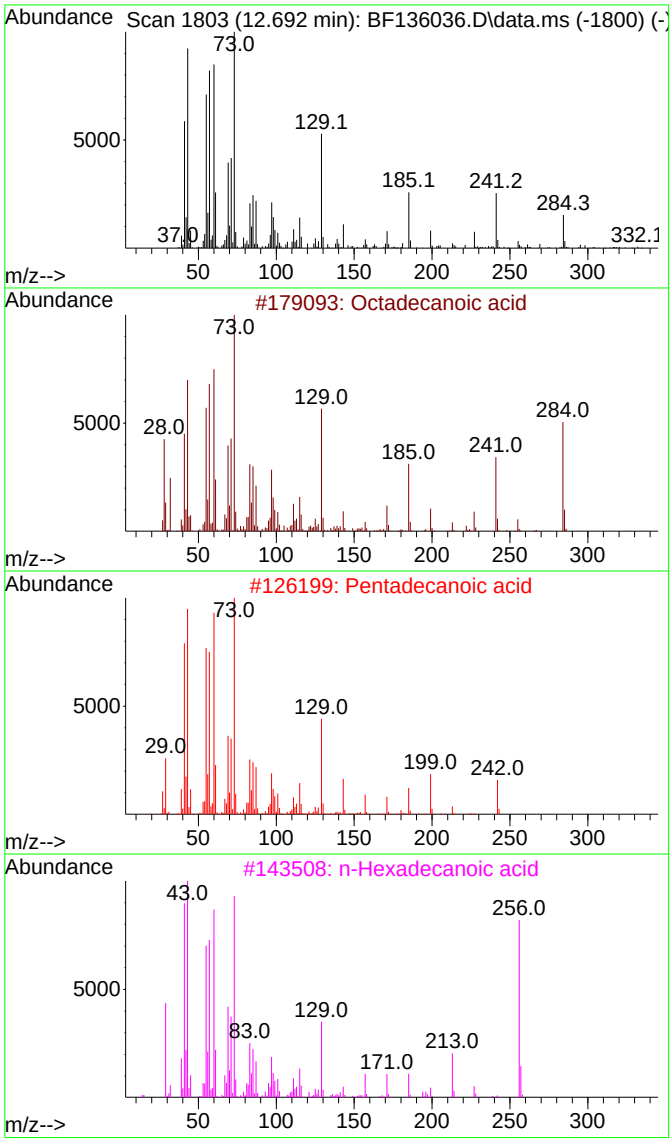
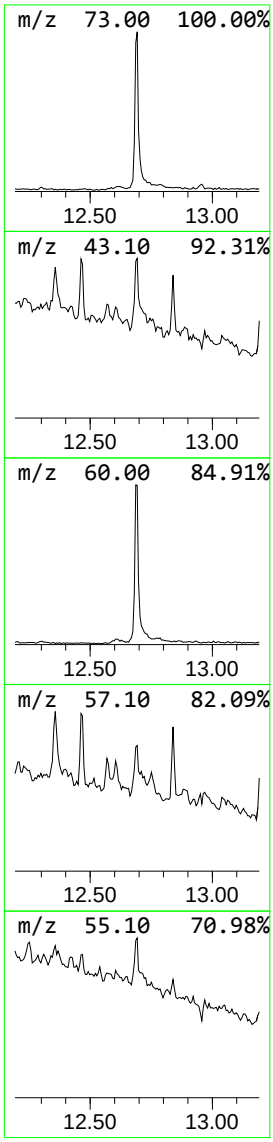
Peak Number 12 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	7.42 ng	559784	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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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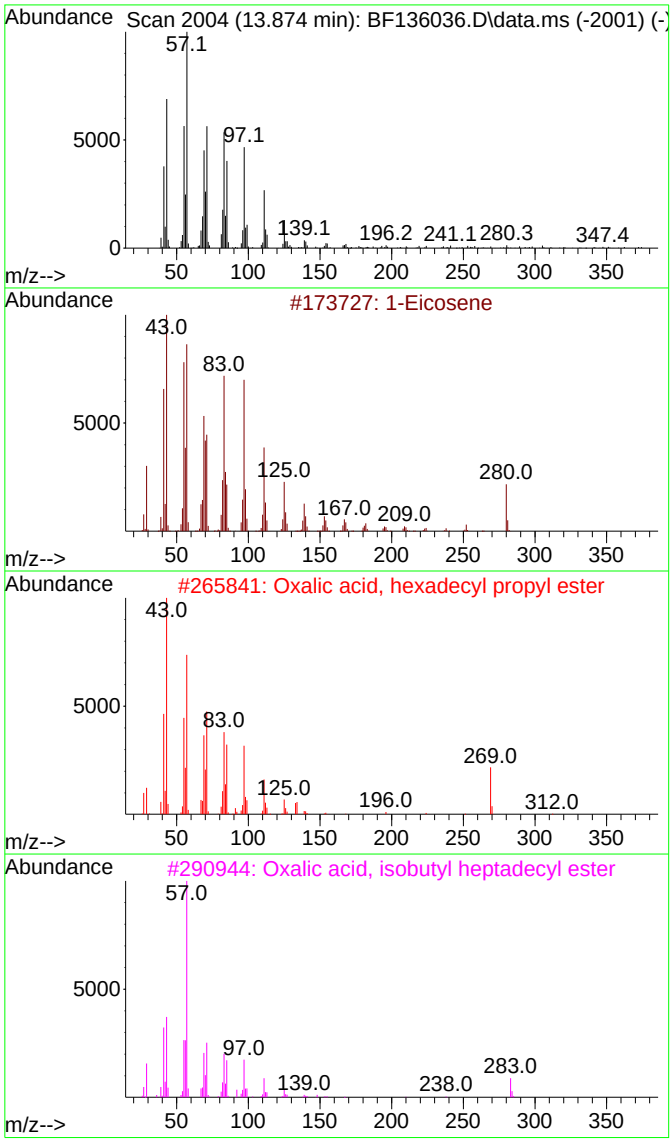
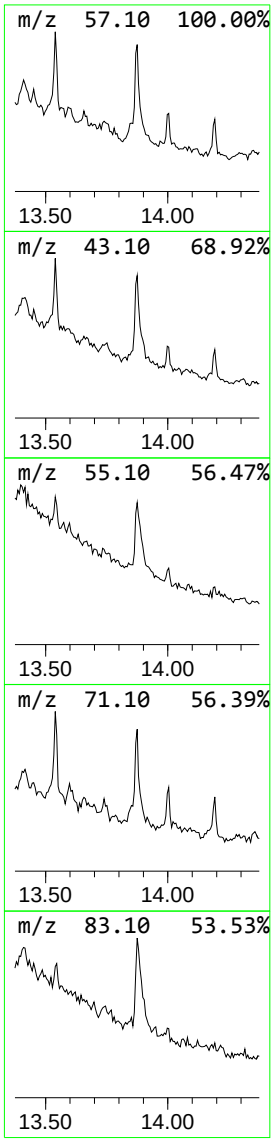
Peak Number 13 1-Eicosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	11.37 ng	858461	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	93
2	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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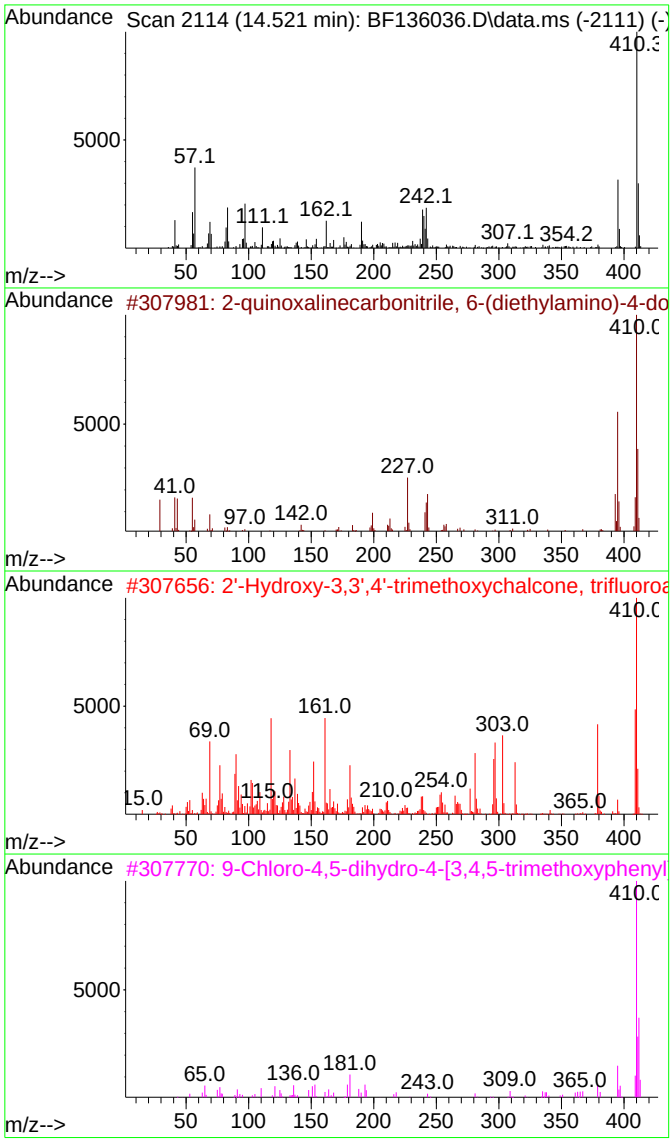
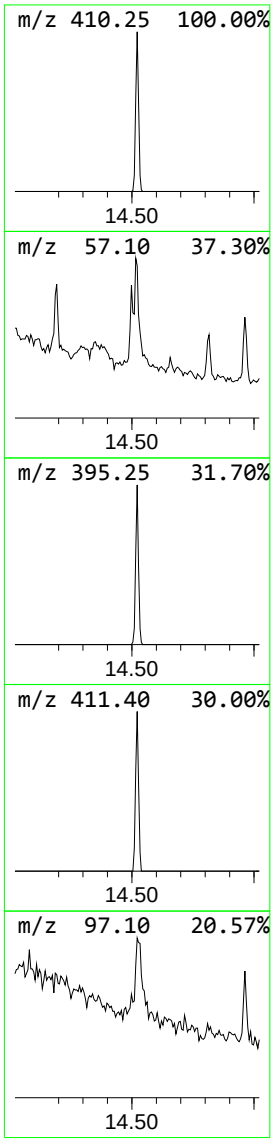
Peak Number 14 2-quinoxalinecarbonitrile, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.521	5.23 ng	394684	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-quinoxalinecarbonitrile, 6-(di...	410	C25H38N4O	1000399-06-1	53
2	2'-Hydroxy-3,3',4'-trimethoxycha...	410	C20H17F3O6	1010453-84-8	47
3	9-Chloro-4,5-dihydro-4-[3,4,5-tr...	410	C22H19ClN2O4	1000212-48-1	38
4	2'-Hydroxy-3',4',4-trimethoxycha...	410	C20H17F3O6	1000449-45-6	38
5	Stigmasta-4,6,22-trien-3.alpha.-ol	410	C29H46O	1000103-93-1	37





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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

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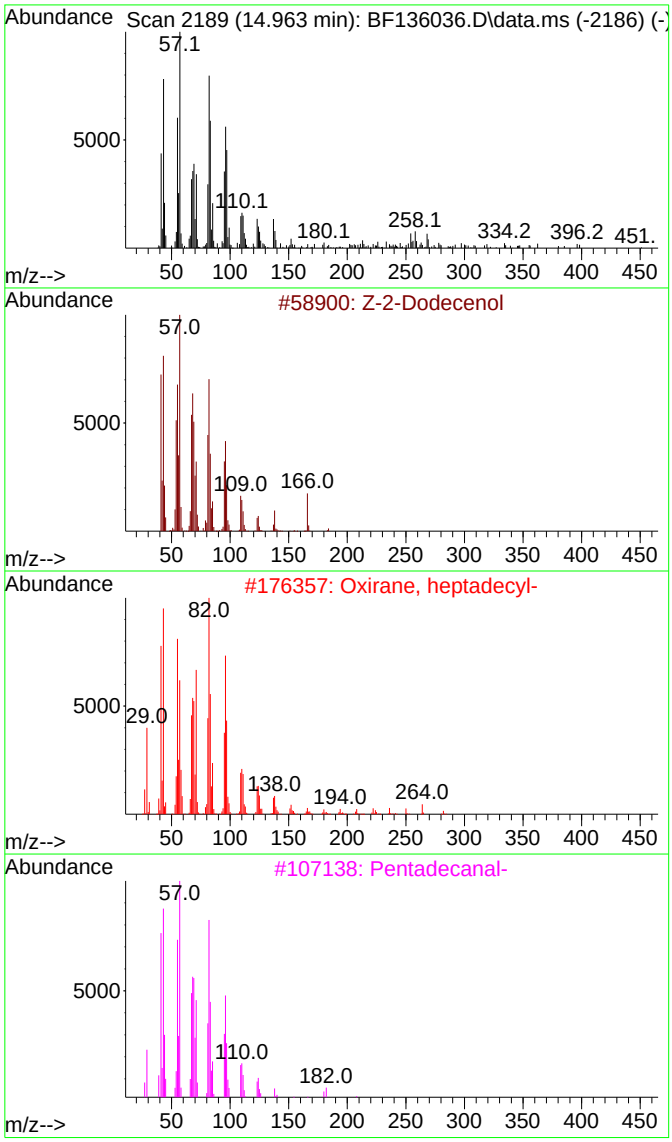
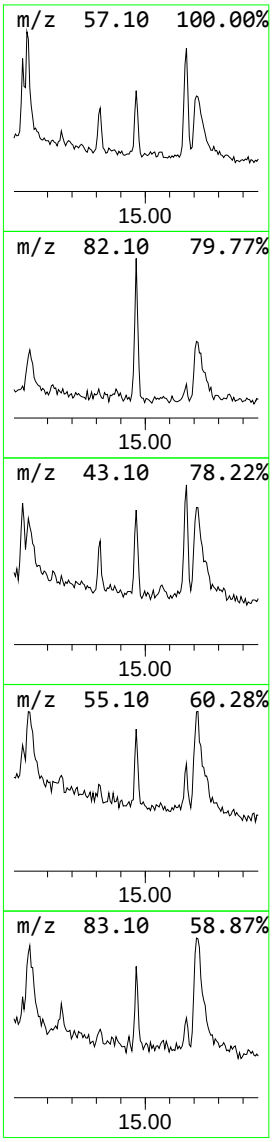
Peak Number 15 Z-2-Dodecenol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.963	3.57 ng	184695	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Dodecenol	184	C12H24O	069064-36-4	83
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	80
3	Pentadecanal-	226	C15H30O	002765-11-9	80
4	Octadecanal	268	C18H36O	000638-66-4	76
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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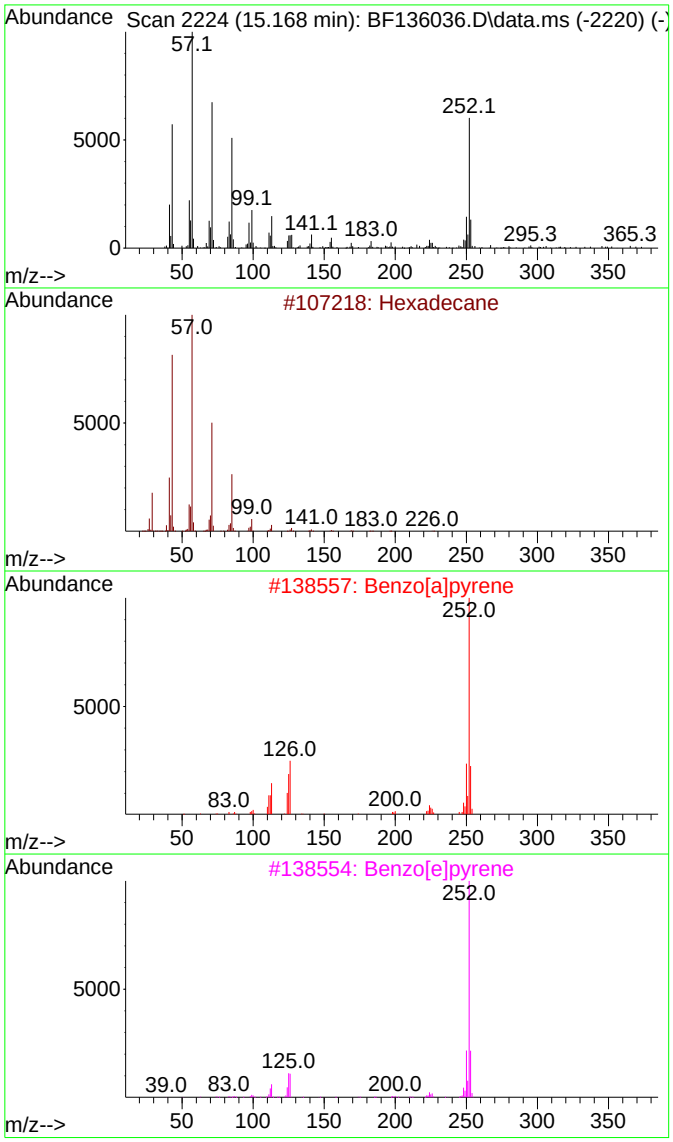
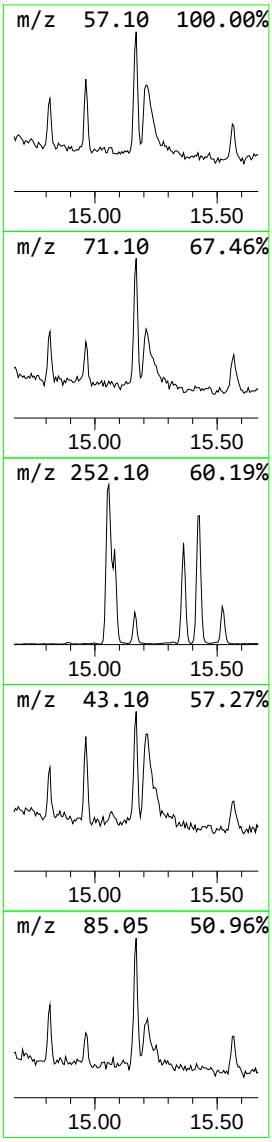
Peak Number 16 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	3.97 ng	205154	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Benzo[a]pyrene	252	C20H12	000050-32-8	60
3	Benzo[e]pyrene	252	C20H12	000192-97-2	50
4	Heneicosane	296	C21H44	000629-94-7	50
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	50





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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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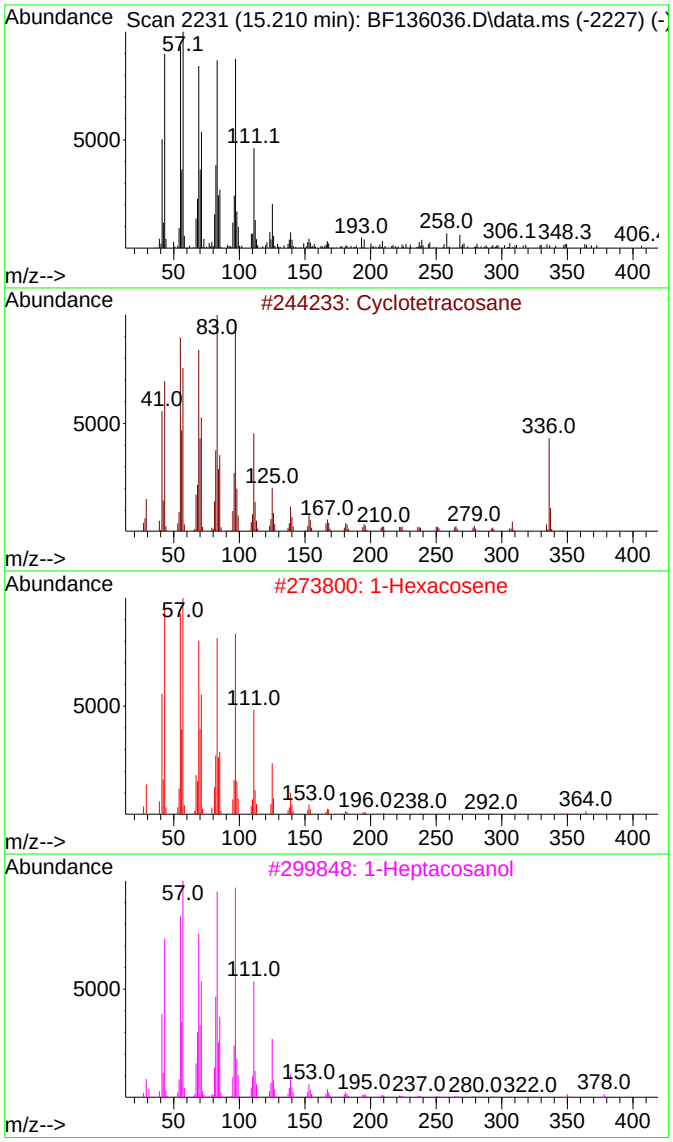
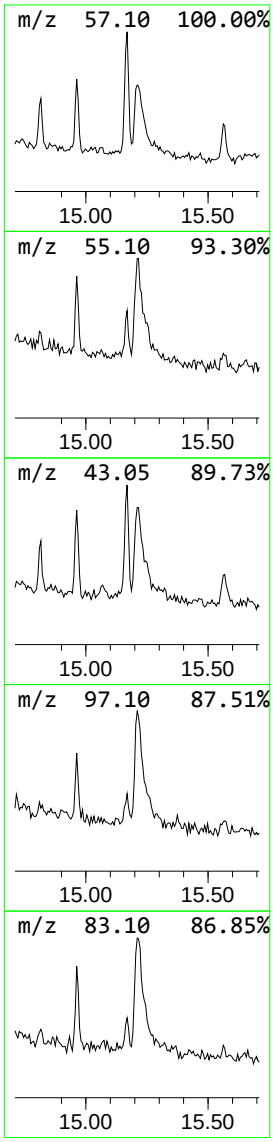
Peak Number 17 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	7.95 ng	411188	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93





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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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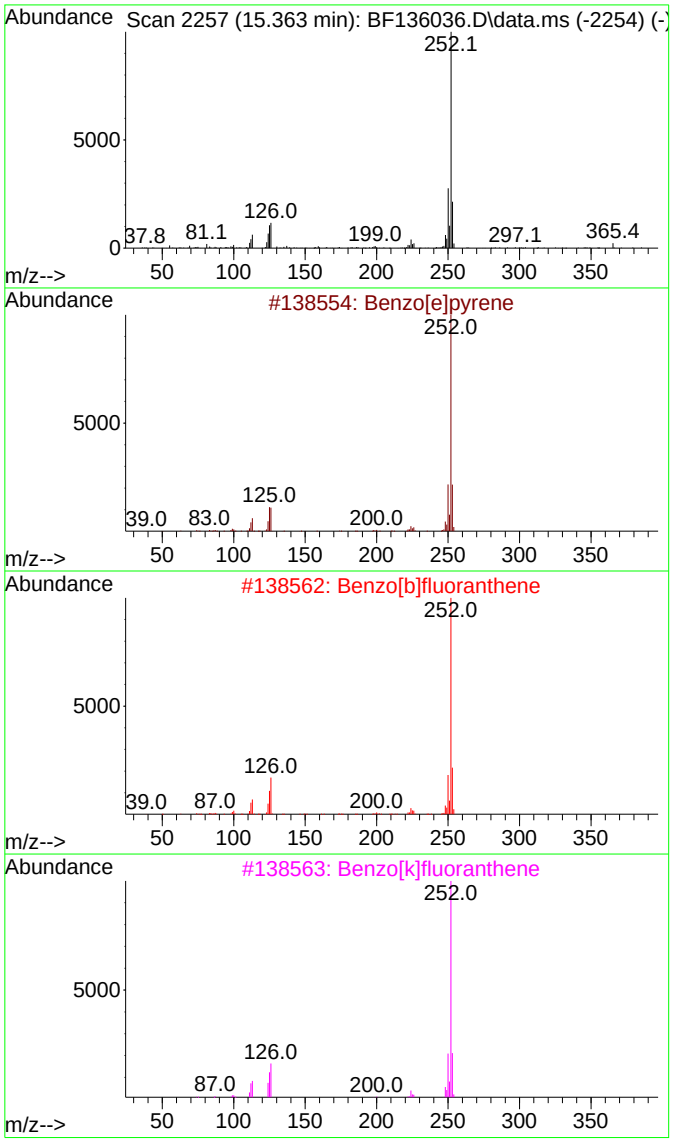
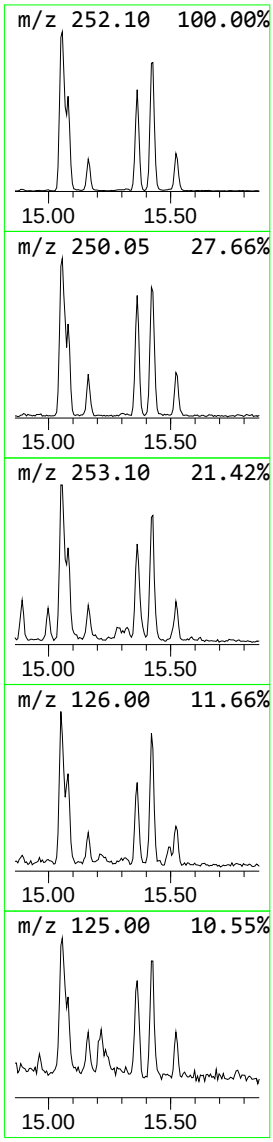
Peak Number 18 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	4.50 ng	232440	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
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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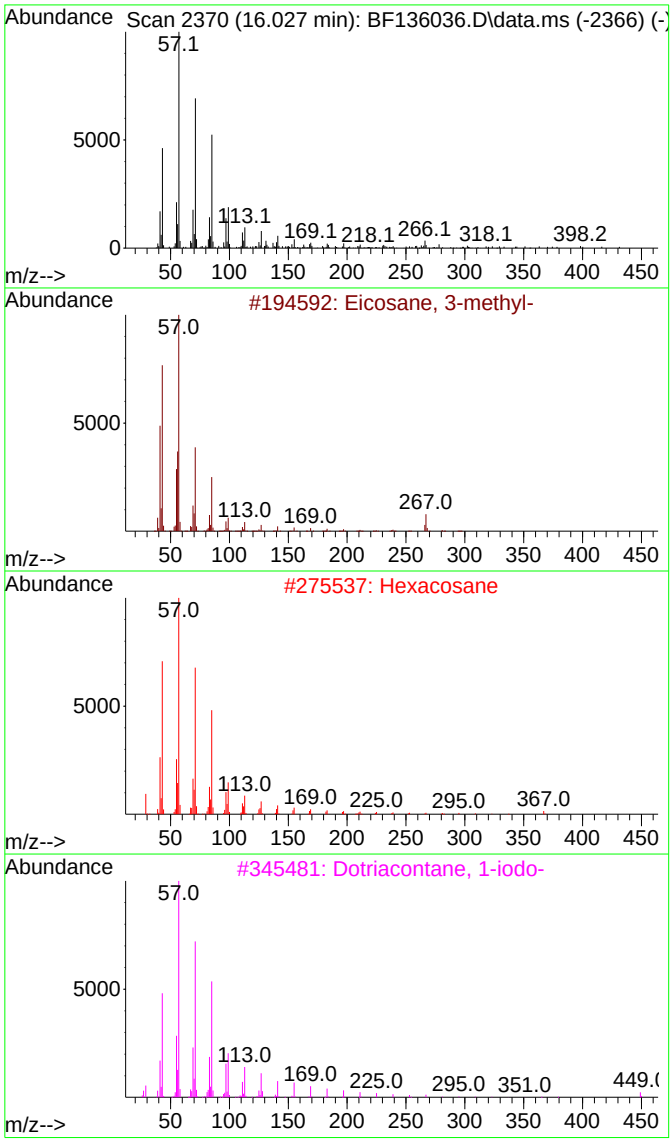
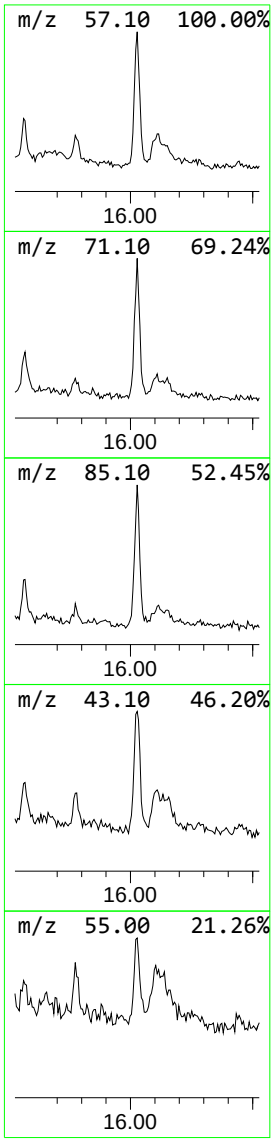
Peak Number 19 Eicosane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.027	4.41 ng	228096	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 3-methyl-	296	C21H44	006418-46-8	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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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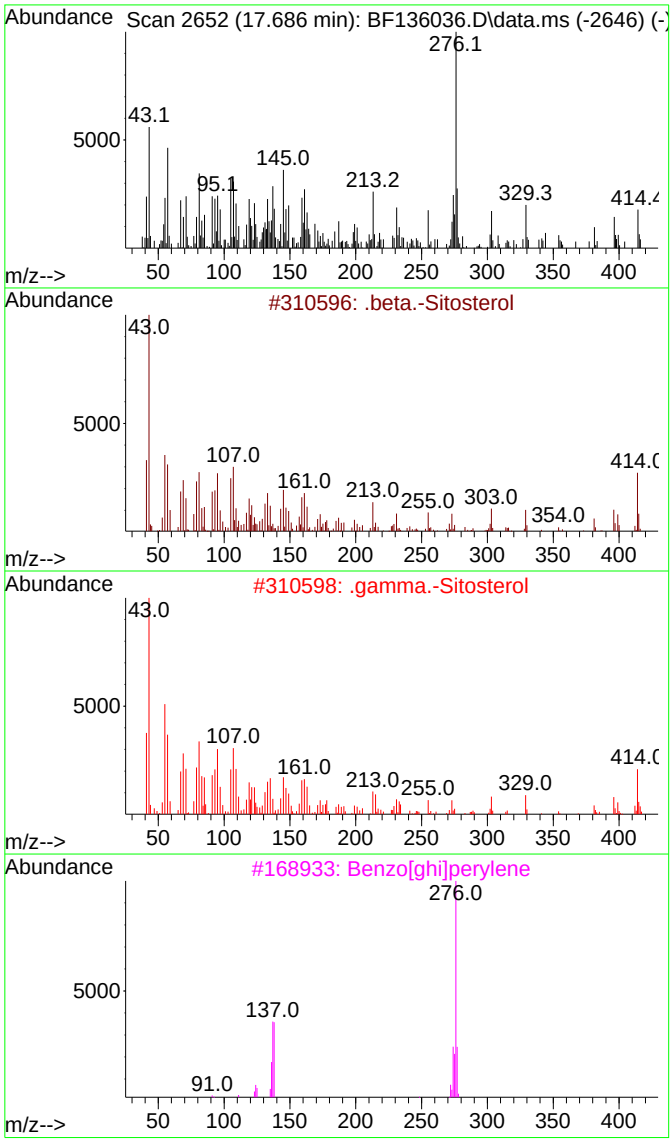
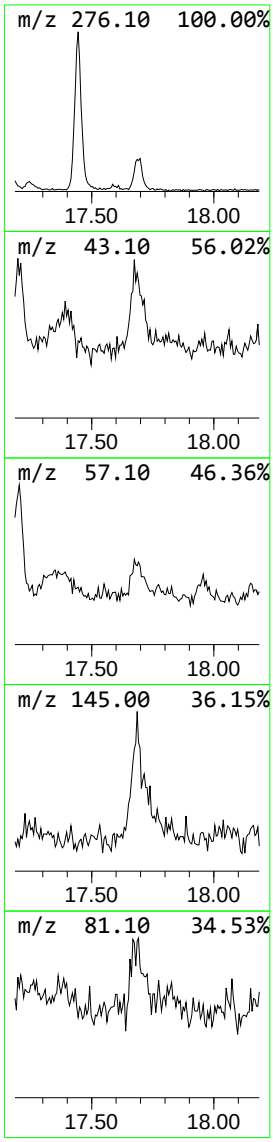
Peak Number 20 .beta.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.686	5.96 ng	308328	Perylene-d12	15.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	90
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	59
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	50
4	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	45
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
Data File : BF136036.D
Acq On : 30 Oct 2023 19:32
Operator : CG\JU
Sample : 05090-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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-...	5.057	2.7	ng	135245	1	6.822	1005670	20.0
Naphthalene, 1,...	8.928	3.0	ng	209759	2	8.098	1383250	20.0
Decahydro-1,1,4...	9.257	3.4	ng	341580	3	9.857	1988830	20.0
Phenol, 2,6-bis...	9.528	2.6	ng	257551	3	9.857	1988830	20.0
unknown9.728	9.728	3.1	ng	309499	3	9.857	1988830	20.0
unknown9.769	9.769	4.6	ng	454416	3	9.857	1988830	20.0
unknown10.269	10.269	4.1	ng	406679	3	9.857	1988830	20.0
Undecane, 2,5-d...	10.528	4.7	ng	466084	3	9.857	1988830	20.0
Sulfurous acid,...	10.792	28.6	ng	1594100	4	11.357	1114460	20.0
Octadecane	11.233	8.5	ng	471979	4	11.357	1114460	20.0
Hexacosane	11.263	19.9	ng	1108090	4	11.357	1114460	20.0
Octadecanoic acid	12.692	7.4	ng	559784	5	14.010	1509750	20.0
1-Eicosene	13.874	11.4	ng	858461	5	14.010	1509750	20.0
2-quinoxalineca...	14.521	5.2	ng	394684	5	14.010	1509750	20.0
Z-2-Dodecenol	14.963	3.6	ng	184695	6	15.492	1033880	20.0
Hexadecane	15.168	4.0	ng	205154	6	15.492	1033880	20.0
Cyclotetracosane	15.210	8.0	ng	411188	6	15.492	1033880	20.0
Benzo[e]pyrene	15.363	4.5	ng	232440	6	15.492	1033880	20.0
Eicosane, 3-met...	16.027	4.4	ng	228096	6	15.492	1033880	20.0
.beta.-Sitosterol	17.686	6.0	ng	308328	6	15.492	1033880	20.0