LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
Data File : BF127746.D
Acq On : 11 Apr 2022 18:50
Operator : CG\JU
Sample : N2335-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A350-CU

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127746.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.587	555	561	564	rBV	2407369	2398773	84.48%	10.573%
2	6.581	725	730	733	rBV	2314606	2491626	87.75%	10.982%
3	6.963	791	795	799	rVB	978374	774358	27.27%	3.413%
4	7.528	886	891	894	rBV	1866095	1626738	57.29%	7.170%
5	8.245	1010	1013	1016	rBV	1050818	949686	33.45%	4.186%
6	8.269	1016	1017	1020	rVB	59704	32218	1.13%	0.142%
7	9.257	1183	1185	1192	rVB3	29648	31408	1.11%	0.138%
8	9.328	1192	1197	1200	rBV	3052598	2839314	100.00%	12.514%
9	9.398	1206	1209	1212	rVB2	41307	39210	1.38%	0.173%
10	9.592	1238	1242	1245	rBV3	25969	36152	1.27%	0.159%
11	9.663	1251	1254	1257	rBV2	32786	36366	1.28%	0.160%
12	9.716	1260	1263	1266	rBV2	67591	62816	2.21%	0.277%
13	9.869	1286	1289	1292	rBV	60069	55782	1.96%	0.246%
14	9.916	1295	1297	1301	rVB3	46996	49185	1.73%	0.217%
15	10.010	1306	1313	1316	rVV	1324404	1104565	38.90%	4.868%
16	10.039	1316	1318	1327	rVB	92249	104708	3.69%	0.462%
17	10.104	1327	1329	1335	rBV6	17686	32910	1.16%	0.145%
18	10.210	1344	1347	1350	rBV2	50849	49127	1.73%	0.217%
19	10.251	1351	1354	1358	rVB2	29108	34071	1.20%	0.150%
20	10.322	1363	1366	1368	rBV2	46506	46196	1.63%	0.204%
21	10.416	1378	1382	1387	rBV5	54583	82849	2.92%	0.365%
22	10.557	1402	1406	1409	rBV	104448	109042	3.84%	0.481%
23	10.651	1419	1422	1427	rVB4	61581	73408	2.59%	0.324%
24	10.798	1443	1447	1451	rBV	1824646	1560417	54.96%	6.878%
25	10.916	1463	1467	1471	rBV	216111	233849	8.24%	1.031%
26	11.386	1543	1547	1553	rVB2	181291	237201	8.35%	1.045%
27	11.504	1563	1567	1569	rBV	1093261	960436	33.83%	4.233%
28	11.528	1569	1571	1575	rVV	651466	512515	18.05%	2.259%
29	11.575	1577	1579	1582	rVB	143000	114327	4.03%	0.504%
30	11.733	1603	1606	1609	rBV2	131625	137469	4.84%	0.606%
31	12.004	1650	1652	1654	rBV	97695	105987	3.73%	0.467%
32	12.116	1668	1671	1674	rBV2	122443	135534	4.77%	0.597%
33	12.722	1771	1774	1778	rBV	858253	714301	25.16%	3.148%
34	12.951	1810	1813	1817	rVB	688695	573703	20.21%	2.529%
35	13.092	1833	1837	1840	rVB	2201441	1841391	64.85%	8.116%
36	14.151	2013	2017	2020	rBV2	877863	1065153	37.51%	4.695%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
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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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.180	2020	2022	2024	rVB	284050	215960	7.61%	0.952%
38	15.227	2197	2200	2204	rBV	211188	330287	11.63%	1.456%
39	15.615	2264	2266	2274	rVB	188196	235291	8.29%	1.037%
40	15.686	2274	2278	2282	rBV	499264	653971	23.03%	2.882%

Sum of corrected areas: 22688300

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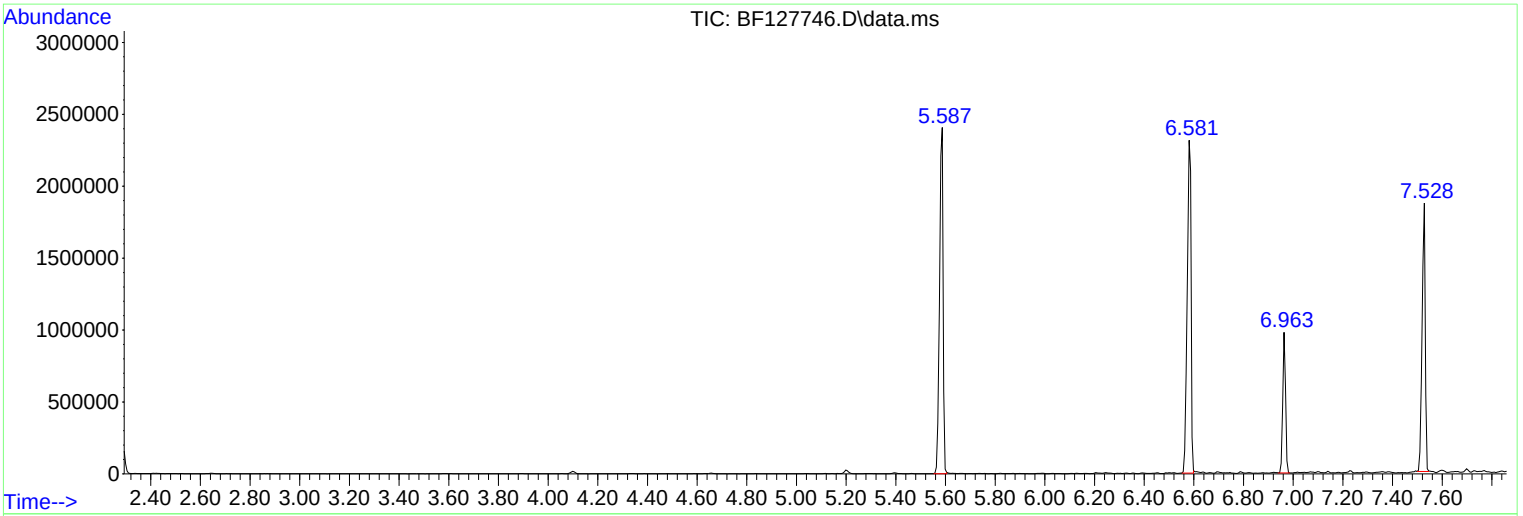
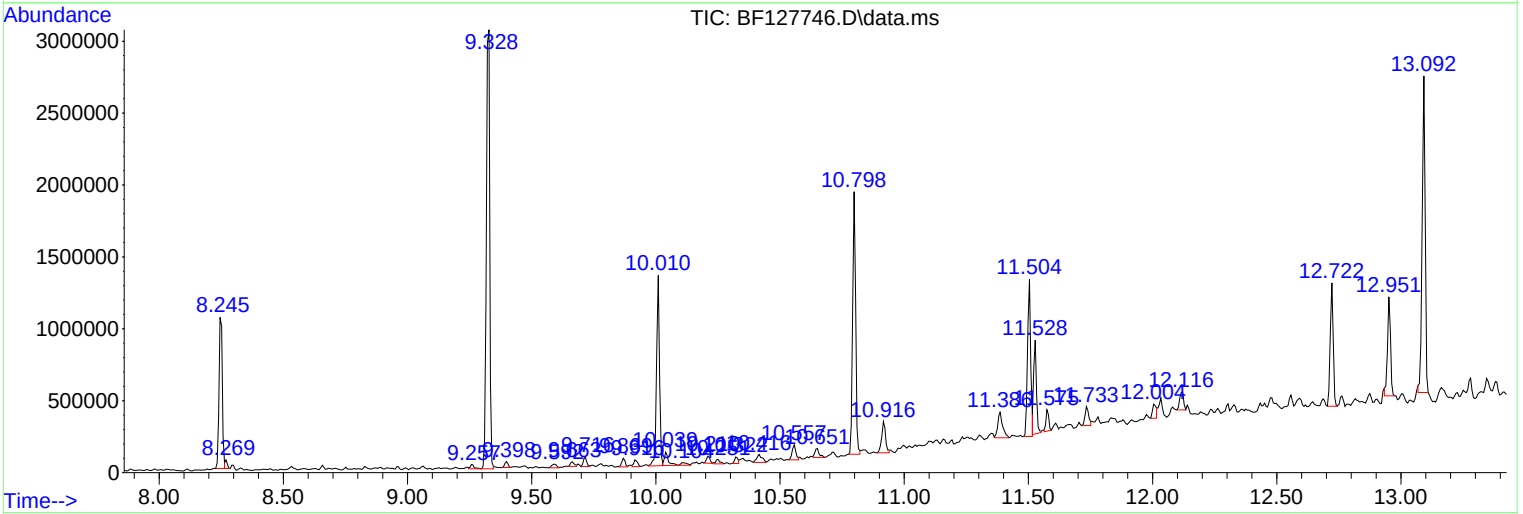
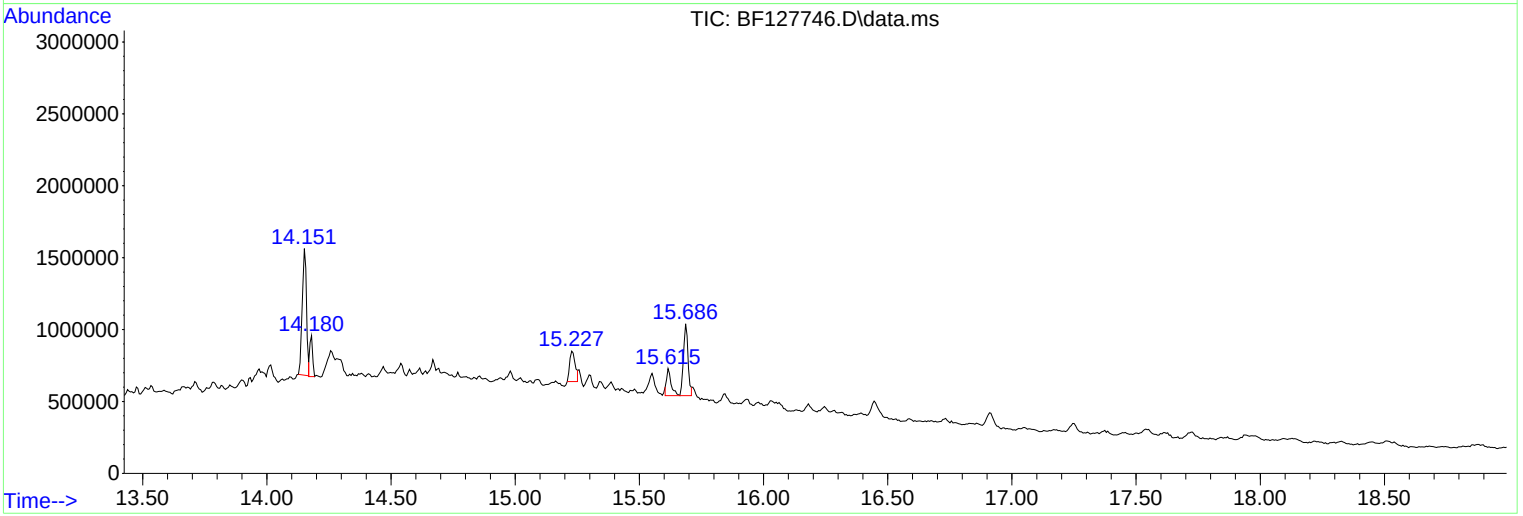
ClientSampleId :
A350-CU

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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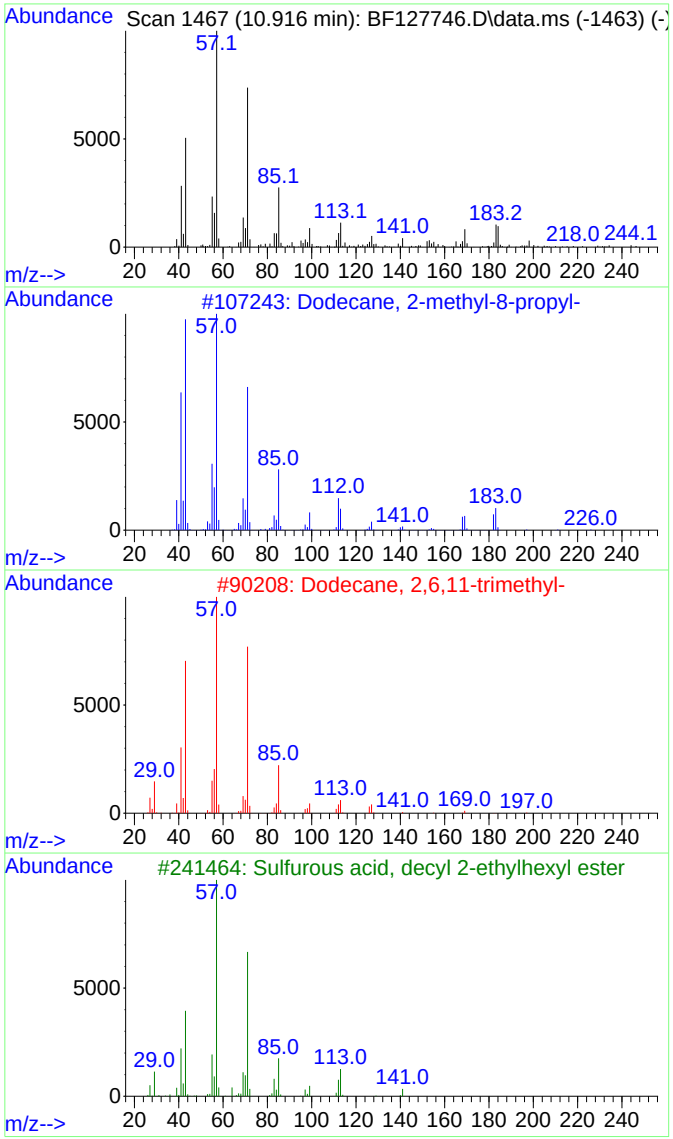
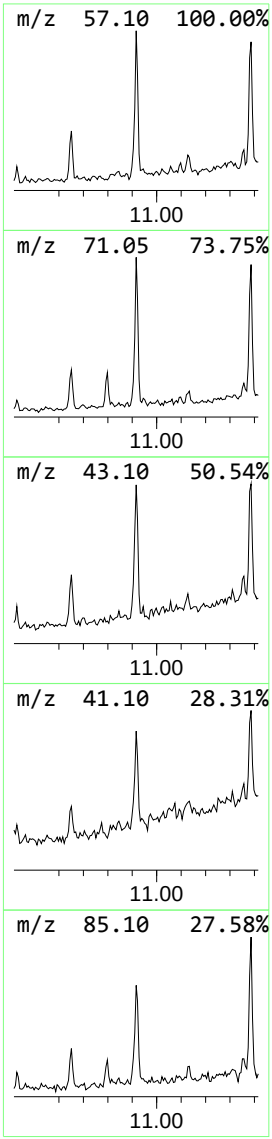
****

Peak Number 1 Dodecane, 2-methyl-8-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	4.87 ng	233849	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64





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Sample : N2335-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
A350-CU

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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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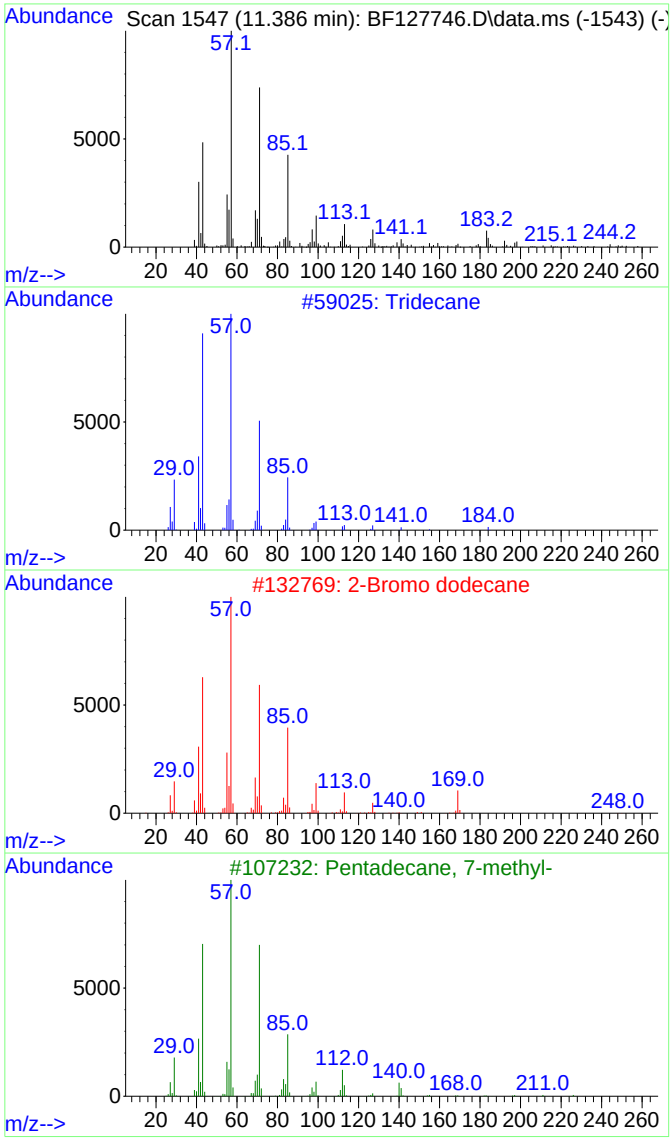
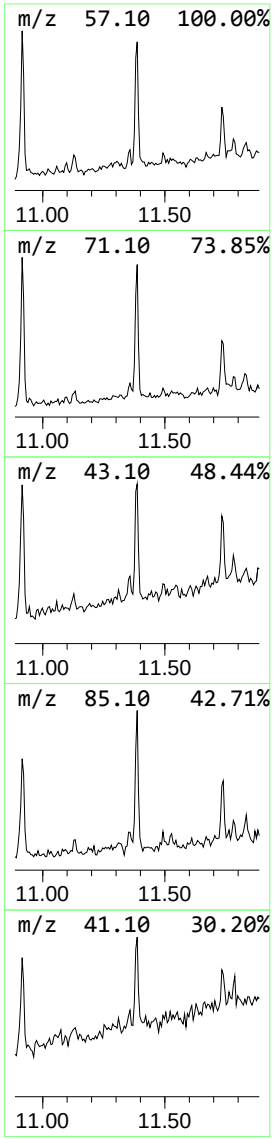
Peak Number 2 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	4.94 ng	237201	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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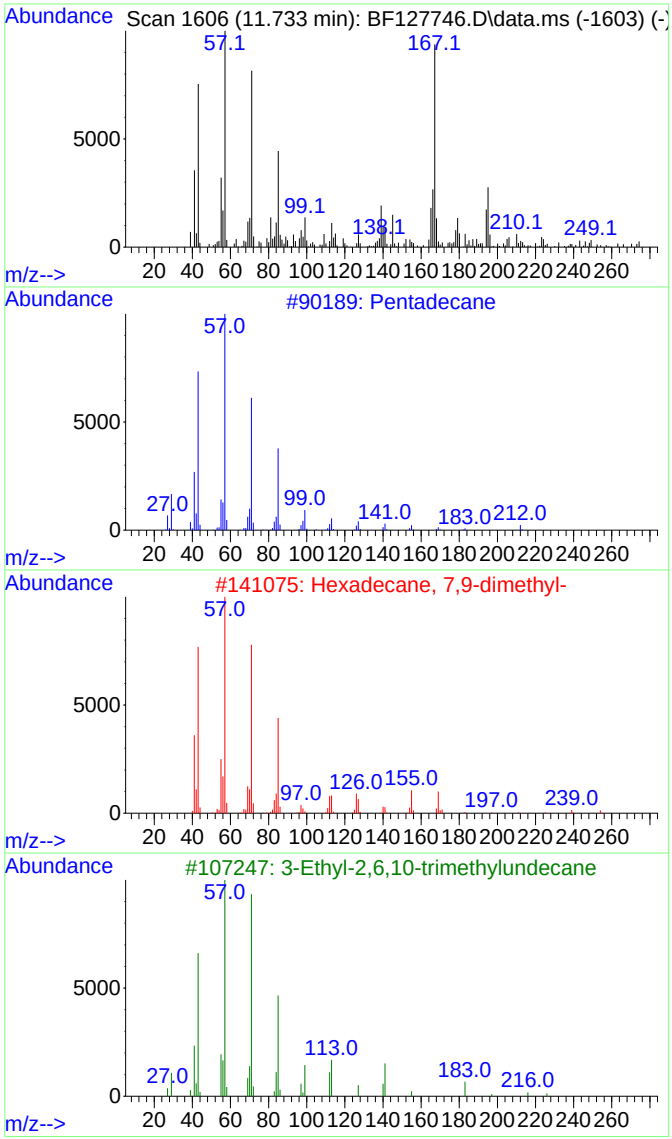
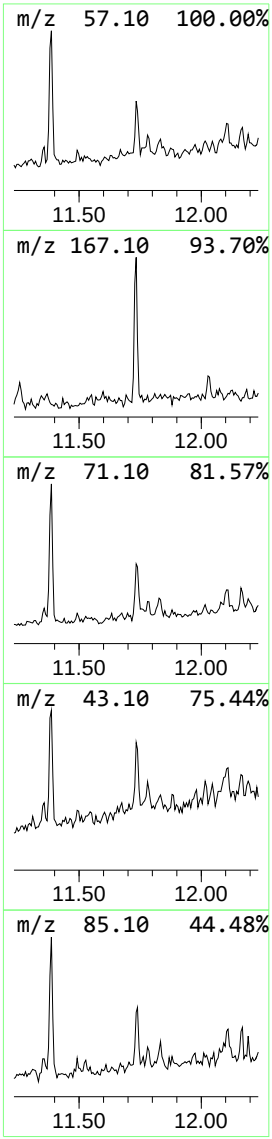
Peak Number 3 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	2.86 ng	137469	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	80
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	59
4	Hexadecane	226	C16H34	000544-76-3	55
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	47





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Sample : N2335-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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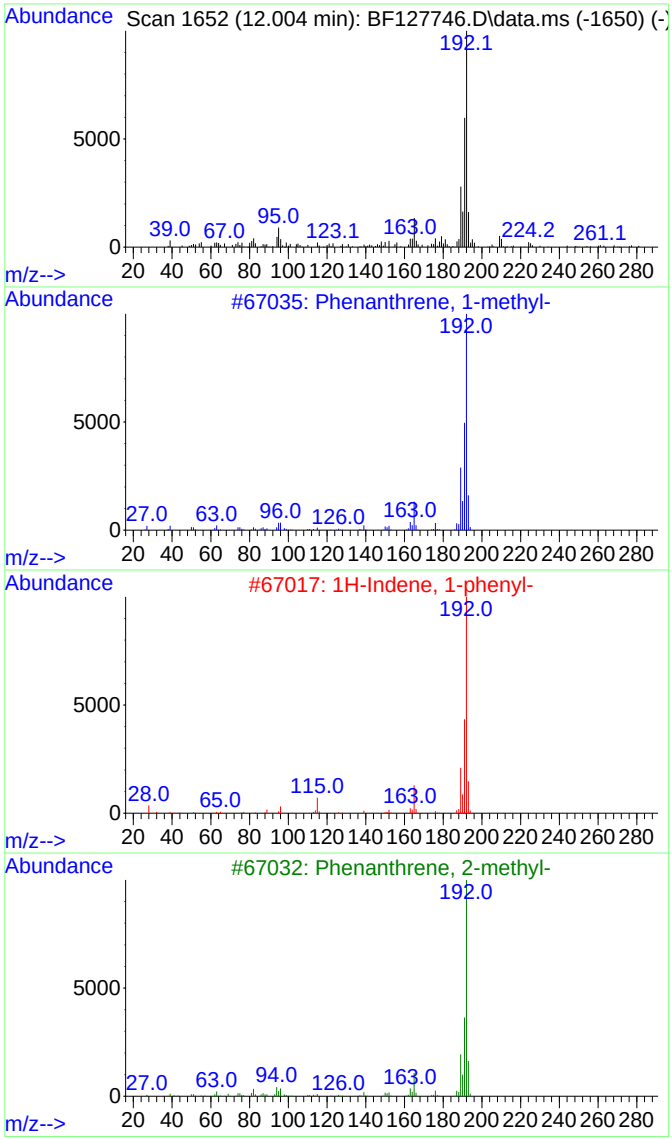
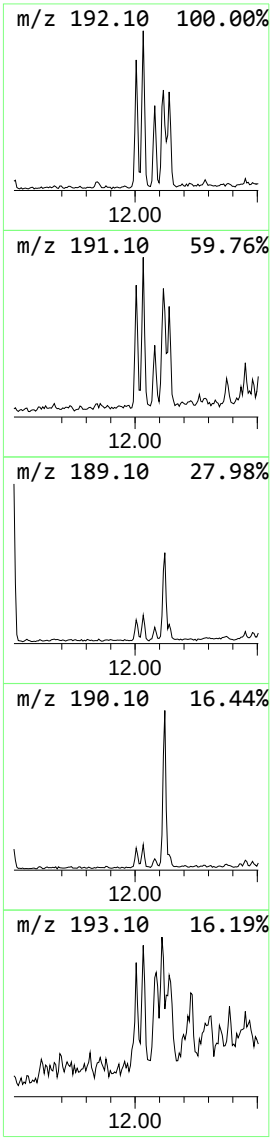
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	2.21 ng	105987	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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TIC Library : C:\Database\NIST20.L
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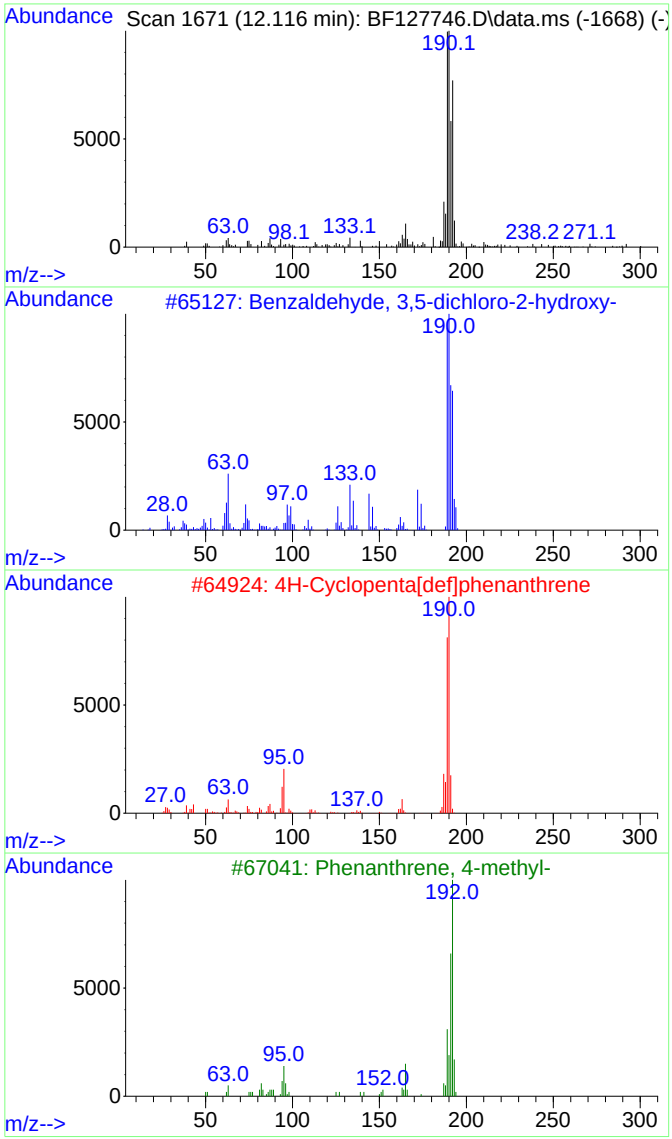
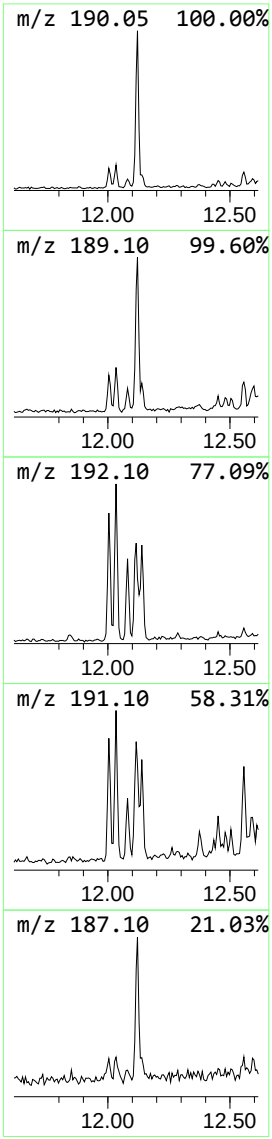
****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	2.82 ng	135534	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Tentatively Identified Compound (LSC) summary

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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
Dodecane, 2-met...	10.916	4.9	ng	233849	4	11.504	960436	20.0
Tridecane	11.386	4.9	ng	237201	4	11.504	960436	20.0
Pentadecane	11.733	2.9	ng	137469	4	11.504	960436	20.0
Phenanthrene, 1...	12.004	2.2	ng	105987	4	11.504	960436	20.0
Benzaldehyde, 3...	12.116	2.8	ng	135534	4	11.504	960436	20.0