LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116780.D
Acq On : 3 Sep 2019 18:45
Operator : HP/JU
Sample : K4581-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T12-D1-D4-(0-3.5)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	569	574	577	rBV	1953609	1911354	77.76%	8.227%
2	6.475	741	746	751	rBV	2377743	2181309	88.74%	9.389%
3	6.616	766	770	773	rBV	2576671	2131932	86.73%	9.176%
4	6.845	806	809	817	rVB	886150	684386	27.84%	2.946%
5	7.004	832	836	839	rBV	2071291	1640754	66.75%	7.062%
6	7.404	899	904	907	rBV	1583004	1295546	52.70%	5.576%
7	8.128	1023	1027	1030	rBV	1151310	920155	37.43%	3.961%
8	8.839	1145	1148	1153	rVV	135579	102583	4.17%	0.442%
9	8.881	1153	1155	1162	rVB2	29897	41295	1.68%	0.178%
10	9.198	1206	1209	1213	rBV	2671259	2458157	100.00%	10.581%
11	9.539	1264	1267	1269	rBV2	48762	42337	1.72%	0.182%
12	9.592	1273	1276	1281	rVB	269886	238911	9.72%	1.028%
13	9.880	1321	1325	1328	rBV	1332522	1012165	41.18%	4.357%
14	10.080	1356	1359	1363	rBV	49180	45775	1.86%	0.197%
15	10.663	1454	1458	1462	rBV	1589610	1473552	59.95%	6.343%
16	10.763	1472	1475	1477	rBV	80260	72784	2.96%	0.313%
17	11.363	1573	1577	1579	rBV	1209630	1017232	41.38%	4.378%
18	11.386	1579	1581	1583	rVB	278511	219136	8.91%	0.943%
19	11.892	1664	1667	1670	rBV	461953	432637	17.60%	1.862%
20	12.574	1781	1783	1786	rVB	541670	449106	18.27%	1.933%
21	12.951	1843	1847	1850	rBV	1935061	1876754	76.35%	8.078%
22	13.998	2023	2025	2028	rVB	717302	707103	28.77%	3.044%
23	15.033	2198	2201	2209	rVB	340117	642884	26.15%	2.767%
24	15.333	2249	2252	2258	rVB	211896	274722	11.18%	1.182%
25	15.392	2259	2262	2266	rVB	184022	191871	7.81%	0.826%
26	15.457	2269	2273	2276	rBV	662891	776329	31.58%	3.342%
27	16.892	2515	2517	2529	rVB2	116156	200529	8.16%	0.863%
28	17.327	2588	2591	2604	rVB2	101476	191403	7.79%	0.824%

Sum of corrected areas: 23232701

LSC Report - Integrated Chromatogram

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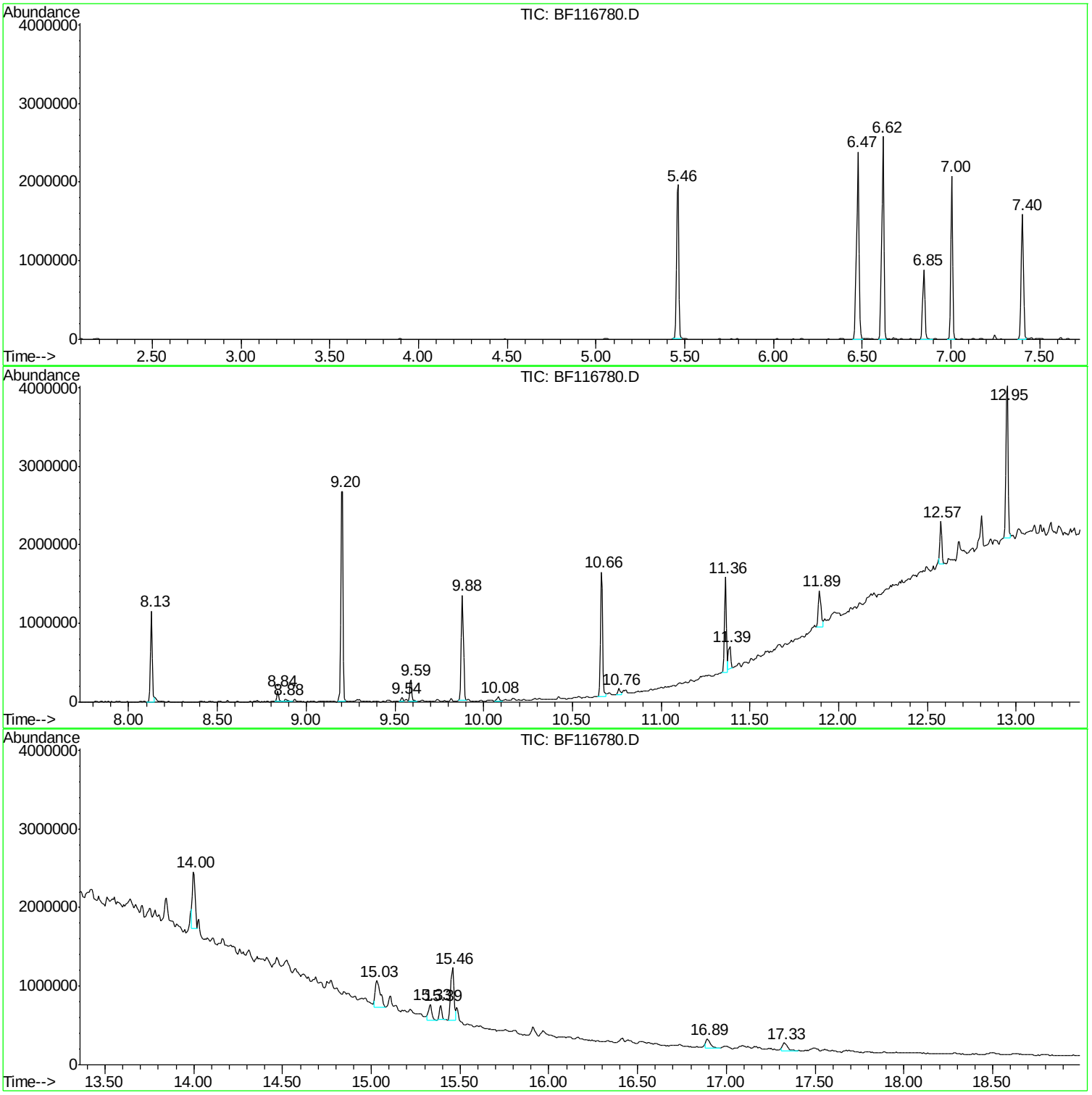
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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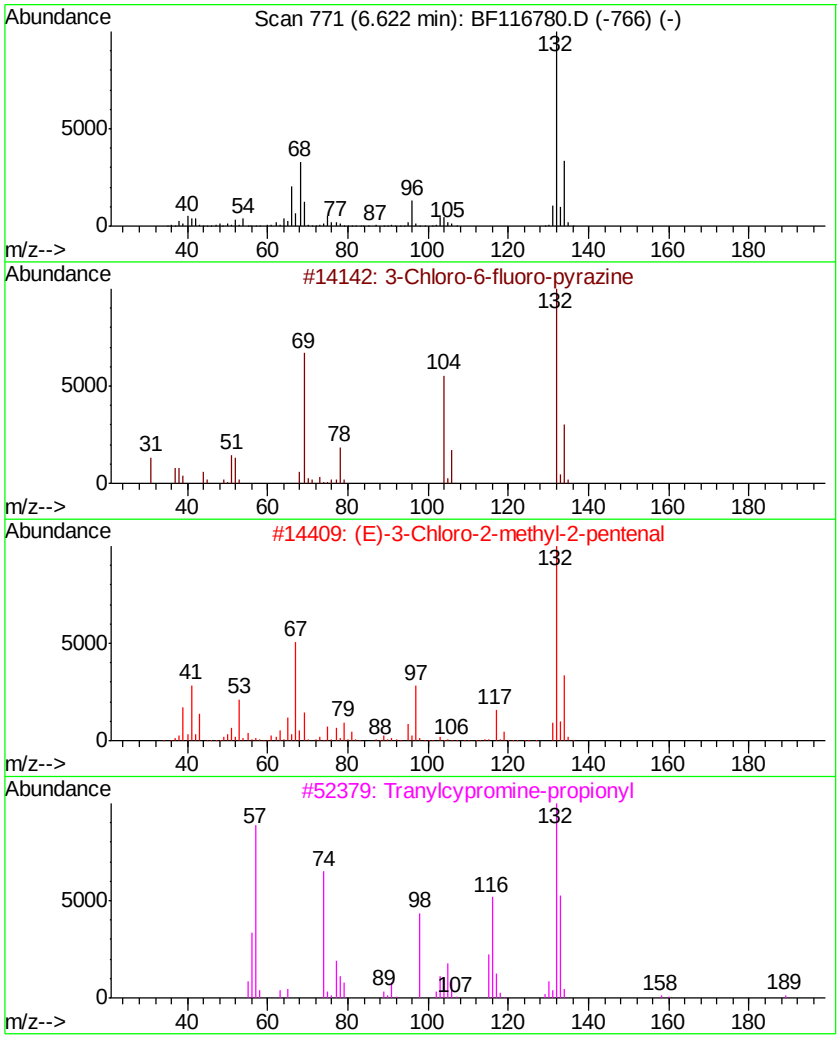
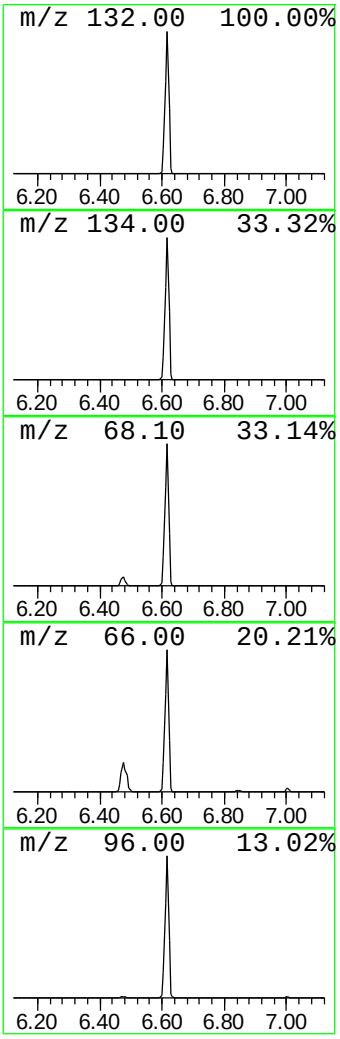
Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	62.30 ng	2131930	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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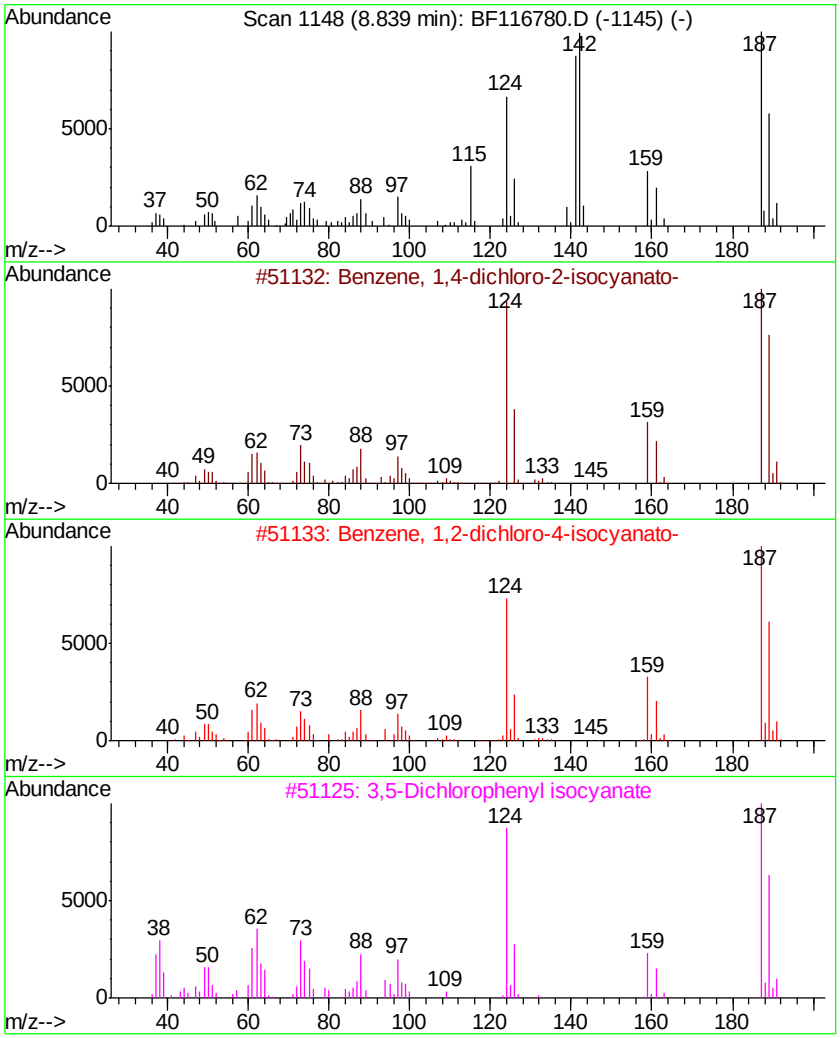
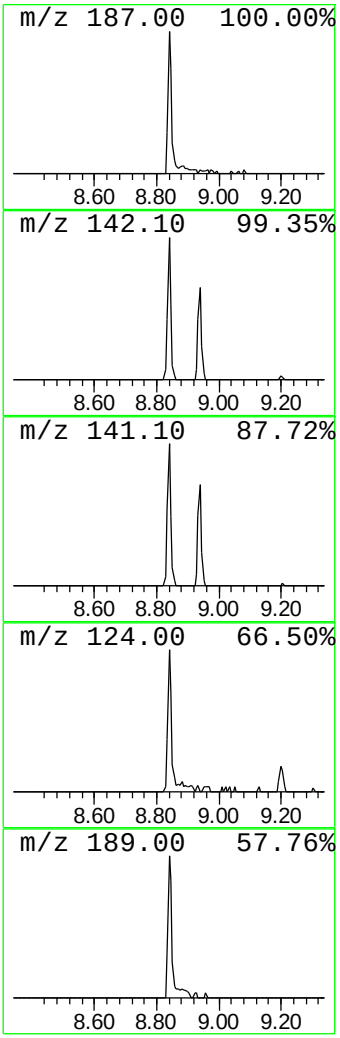
Peak Number 3 Benzene, 1,4-dichloro-2-iso... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.23 ng	102583	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-2-isocyanato-	187	C7H3Cl2NO	005392-82-5	96
2	Benzene, 1,2-dichloro-4-isocyanato-	187	C7H3Cl2NO	000102-36-3	95
3	3,5-Dichlorophenyl isocyanate	187	C7H3Cl2NO	034893-92-0	91
4	Benzene, 1,2-dichloro-3-isocyanato-	187	C7H3Cl2NO	041195-90-8	89
5	2,4-Dichlorophenyl isocyanate	187	C7H3Cl2NO	002612-57-9	78





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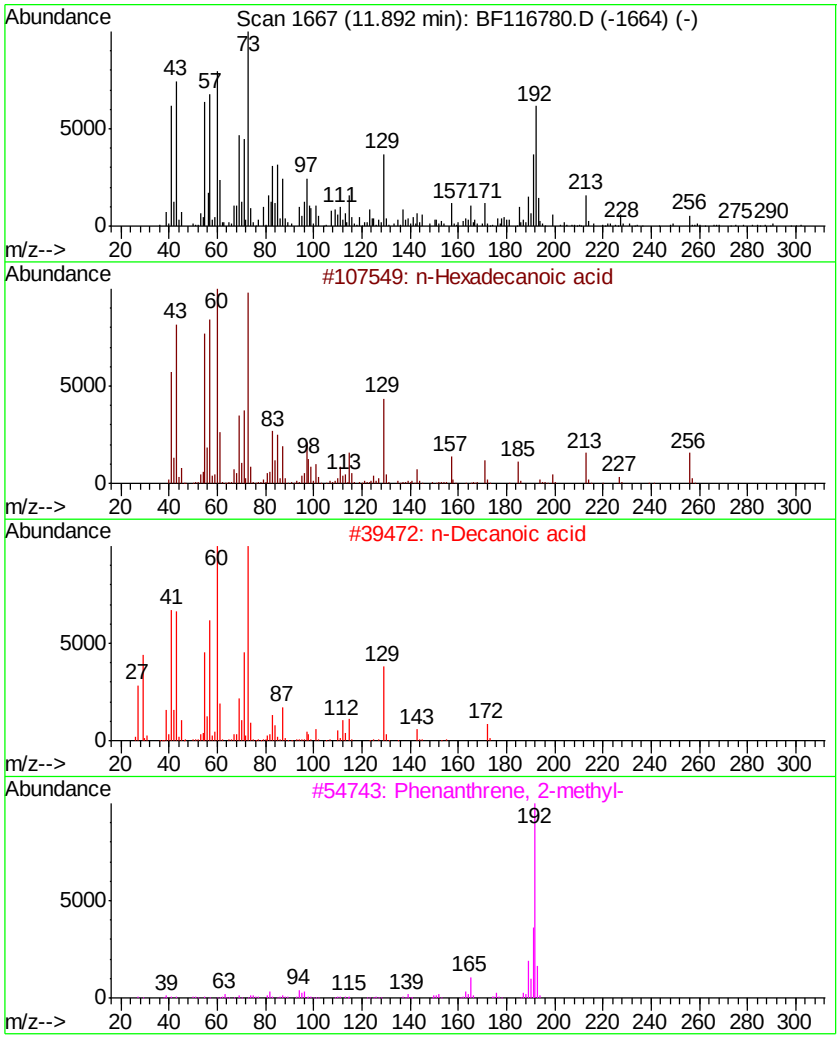
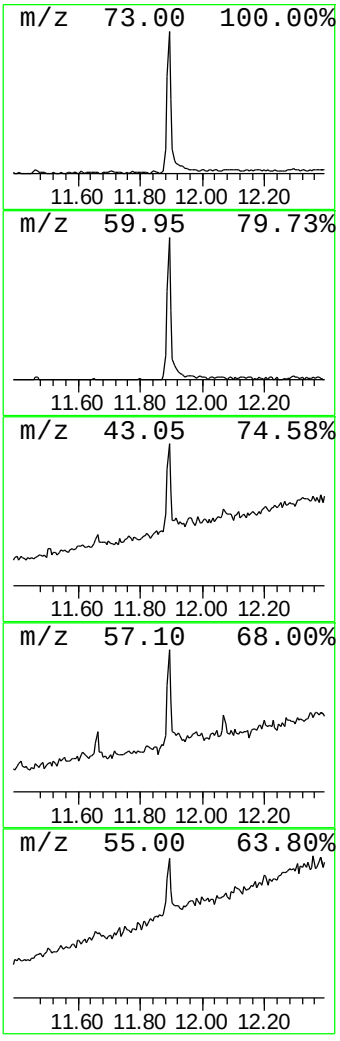
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	8.51 ng	432637	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	40
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	40
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
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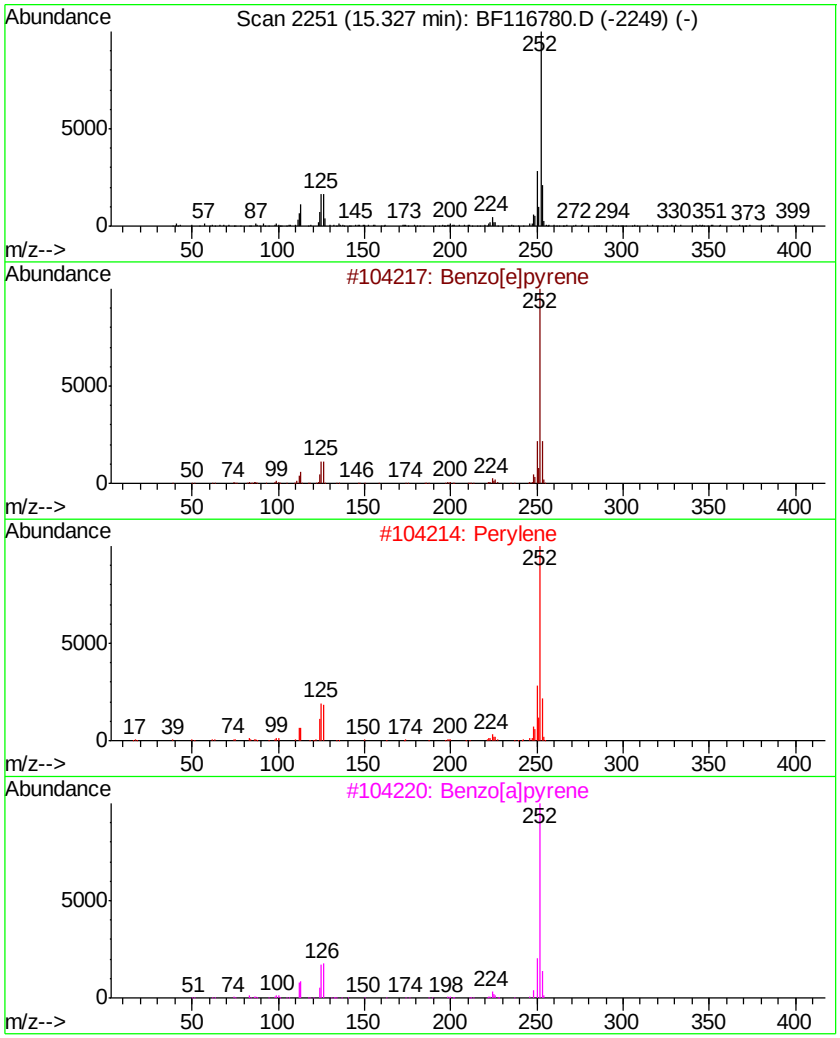
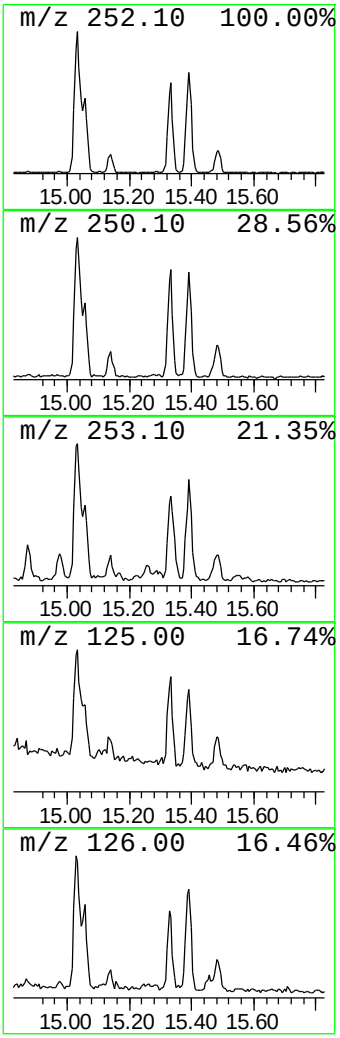
Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	7.08 ng	274722	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.62	6.62	62.3	ng	2131930	1	6.85	684386	20.0
Benzene, 1,4-dich...	8.84	2.2	ng	102583	2	8.13	920155	20.0
n-Hexadecanoic acid	11.89	8.5	ng	432637	4	11.36	1017230	20.0
Benzo[e]pyrene	15.33	7.1	ng	274722	6	15.46	776329	20.0