LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116678.D
Acq On : 31 Aug 2019 4:13
Operator : HP/JU
Sample : K4527-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-M-(0-1.9)

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	2176747	2047194	86.65%	8.503%
2	6.475	741	746	756	rVB	2410130	2306085	97.61%	9.579%
3	6.616	765	770	773	rBV	2567322	2241602	94.88%	9.311%
4	6.845	806	809	813	rBV	836473	642315	27.19%	2.668%
5	7.004	832	836	839	rBV	2083051	1663721	70.42%	6.911%
6	7.404	898	904	907	rBV	1706743	1395017	59.05%	5.794%
7	8.128	1023	1027	1030	rBV	1093678	851296	36.03%	3.536%
8	9.204	1206	1210	1213	rBV	2784059	2362562	100.00%	9.813%
9	9.592	1273	1276	1279	rBV	230781	188456	7.98%	0.783%
10	9.881	1321	1325	1328	rBV	1237458	972140	41.15%	4.038%
11	10.663	1454	1458	1462	rBV	1516991	1318881	55.82%	5.478%
12	10.763	1472	1475	1477	rBV	90373	66511	2.82%	0.276%
13	11.233	1550	1555	1557	rBV4	21251	34305	1.45%	0.142%
14	11.363	1573	1577	1579	rBV	1075171	963693	40.79%	4.003%
15	11.380	1579	1580	1583	rVV	216128	171236	7.25%	0.711%
16	11.433	1583	1589	1592	rVV	69172	78495	3.32%	0.326%
17	11.863	1659	1662	1663	rBV2	42429	35418	1.50%	0.147%
18	11.886	1663	1666	1670	rVV	195226	162484	6.88%	0.675%
19	11.969	1677	1680	1683	rBV2	76476	86359	3.66%	0.359%
20	12.333	1740	1742	1744	rBV3	30826	26944	1.14%	0.112%
21	12.410	1752	1755	1758	rBV	54201	52672	2.23%	0.219%
22	12.492	1766	1769	1773	rBV4	46782	55427	2.35%	0.230%
23	12.569	1779	1782	1785	rBV	503976	416779	17.64%	1.731%
24	12.798	1815	1821	1824	rBV	512669	533646	22.59%	2.217%
25	12.945	1842	1846	1849	rBV	2191940	1976846	83.67%	8.211%
26	13.022	1855	1859	1861	rBV3	51392	71522	3.03%	0.297%
27	13.227	1892	1894	1897	rVB2	55881	41338	1.75%	0.172%
28	13.351	1913	1915	1919	rBV2	57001	54121	2.29%	0.225%
29	13.833	1994	1997	2007	rBV2	313671	426250	18.04%	1.771%
30	13.992	2019	2024	2027	rBV2	777219	1000527	42.35%	4.156%
31	14.016	2027	2028	2035	rVB	279024	193181	8.18%	0.802%
32	14.468	2103	2105	2107	rBV3	86141	77871	3.30%	0.323%
33	15.021	2195	2199	2202	rBV	218869	331026	14.01%	1.375%
34	15.321	2247	2250	2256	rVB	144868	168326	7.12%	0.699%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116678.D
Acq On : 31 Aug 2019 4:13
Operator : HP/JU
Sample : K4527-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-M-(0-1.9)

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

35	15.380	2257	2260	2265	rVB	193823	219229	9.28%	0.911%
36	15.445	2267	2271	2275	rBV	541820	661716	28.01%	2.749%
37	16.880	2511	2515	2522	rVB2	91989	179891	7.61%	0.747%

Sum of corrected areas: 24075082

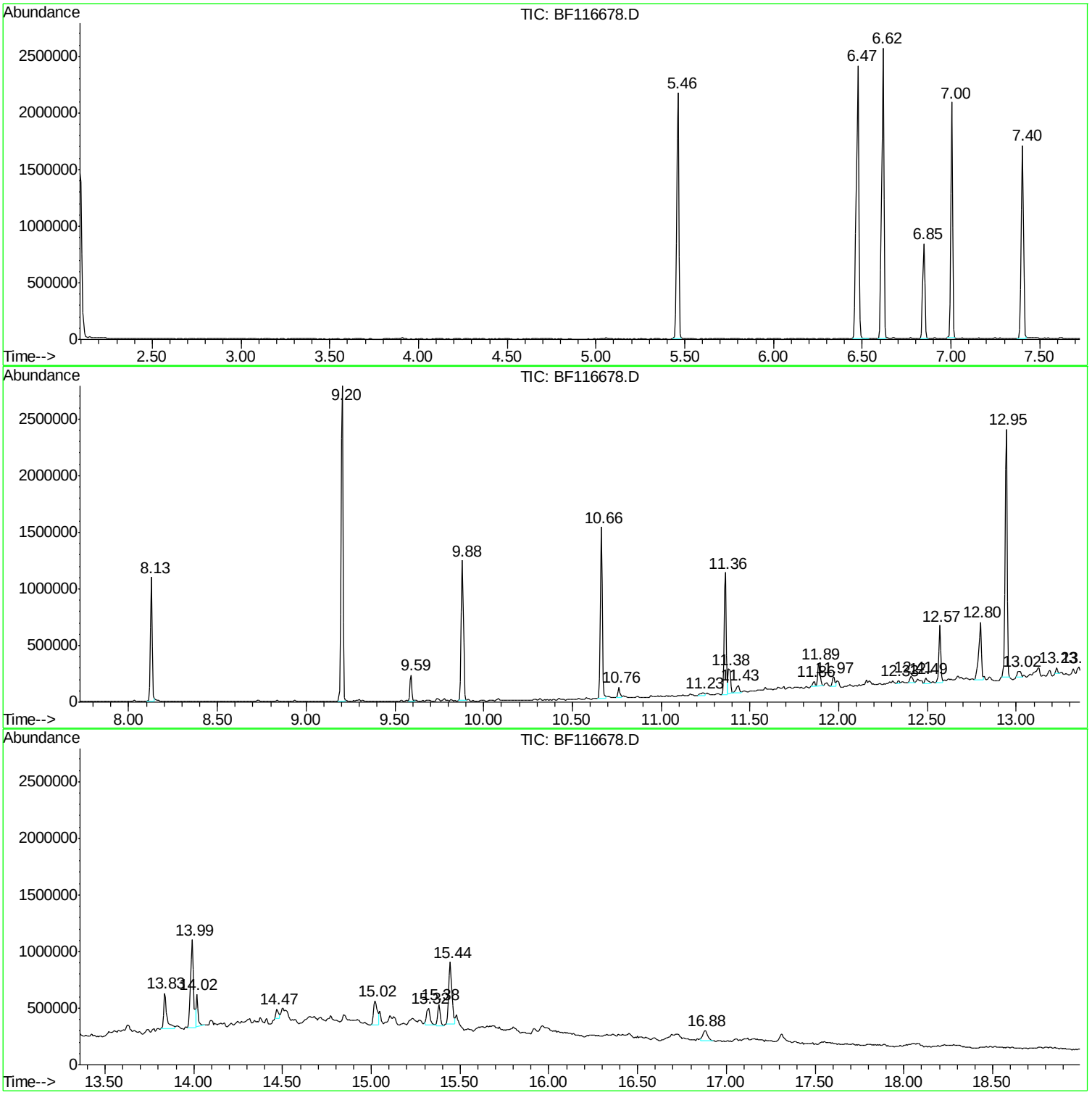
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116678.D
Acq On : 31 Aug 2019 4:13
Operator : HP/JU
Sample : K4527-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T9-12-13-M-(0-1.9)

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116678.D
Acq On : 31 Aug 2019 4:13
Operator : HP/JU
Sample : K4527-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-M-(0-1.9)

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

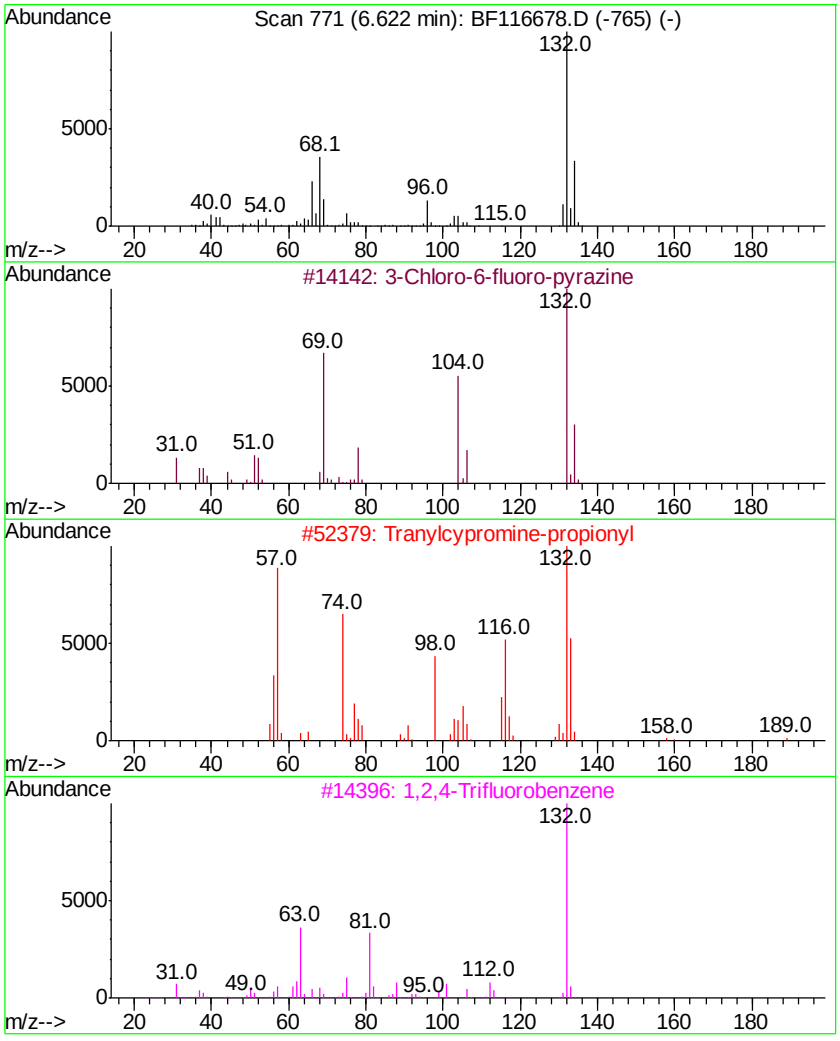
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

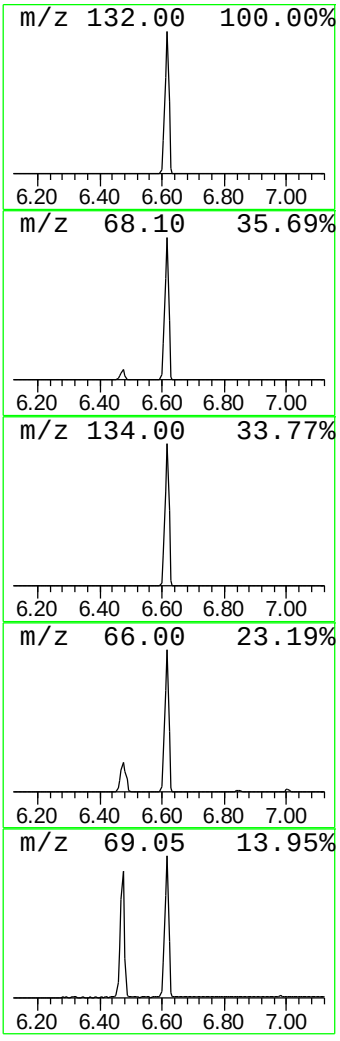
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	69.80 ng	2241600	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	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116678.D
Acq On : 31 Aug 2019 4:13
Operator : HP/JU
Sample : K4527-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-M-(0-1.9)

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

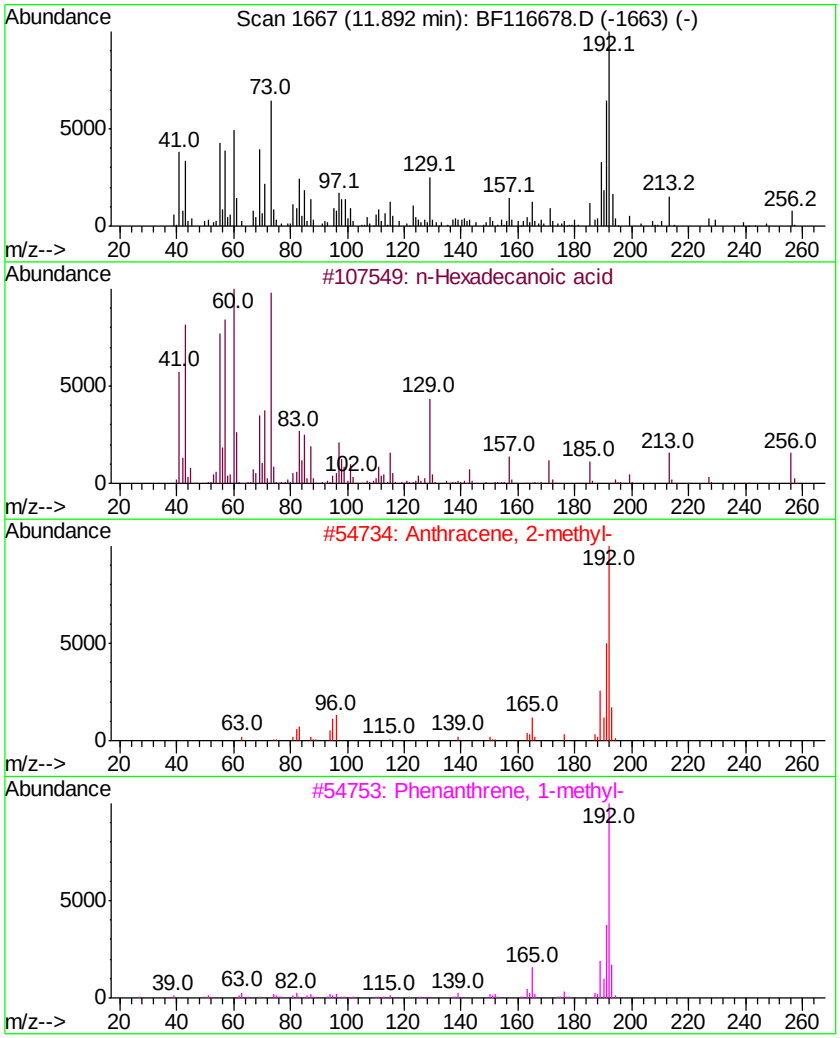
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

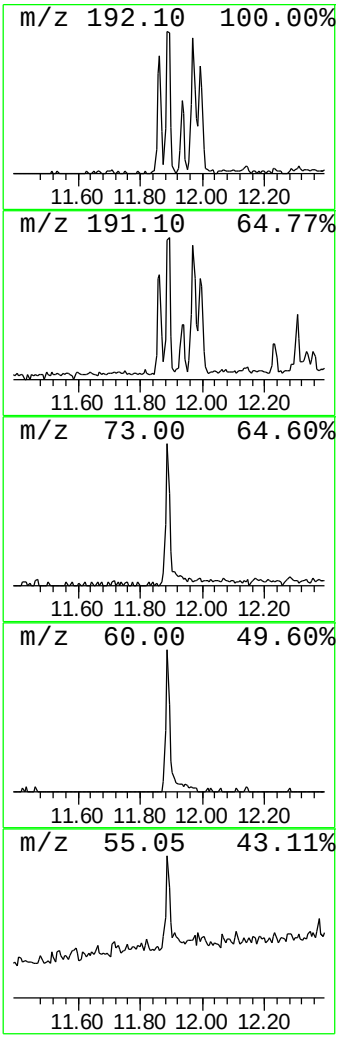
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.37 ng	162484	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116678.D
Acq On : 31 Aug 2019 4:13
Operator : HP/JU
Sample : K4527-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-M-(0-1.9)

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

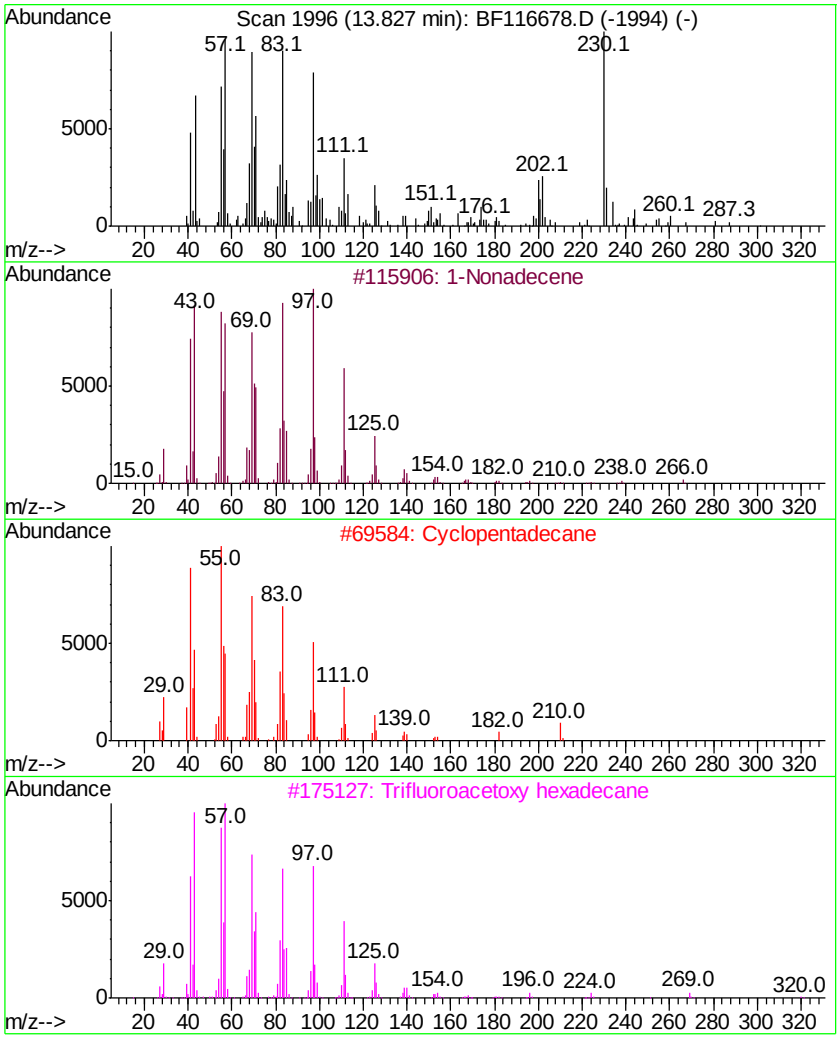
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

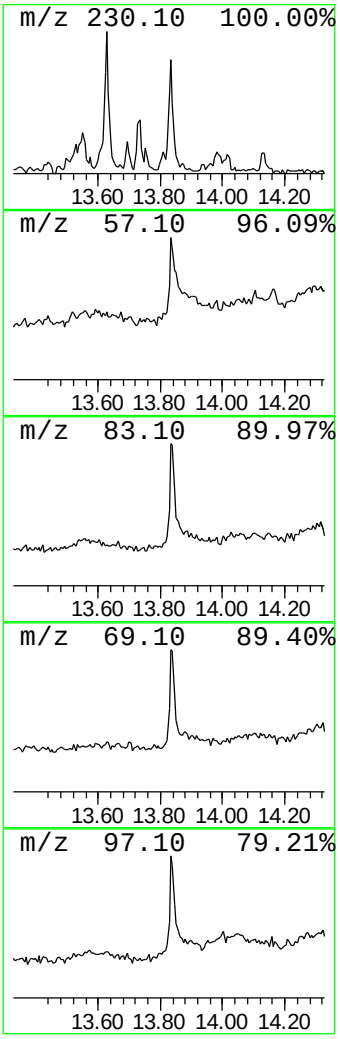
****

Peak Number 4 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	8.52 ng	426250	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	87
2	Cyclopentadecane	210	C15H30	000295-48-7	81
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	62
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116678.D
Acq On : 31 Aug 2019 4:13
Operator : HP/JU
Sample : K4527-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-M-(0-1.9)

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

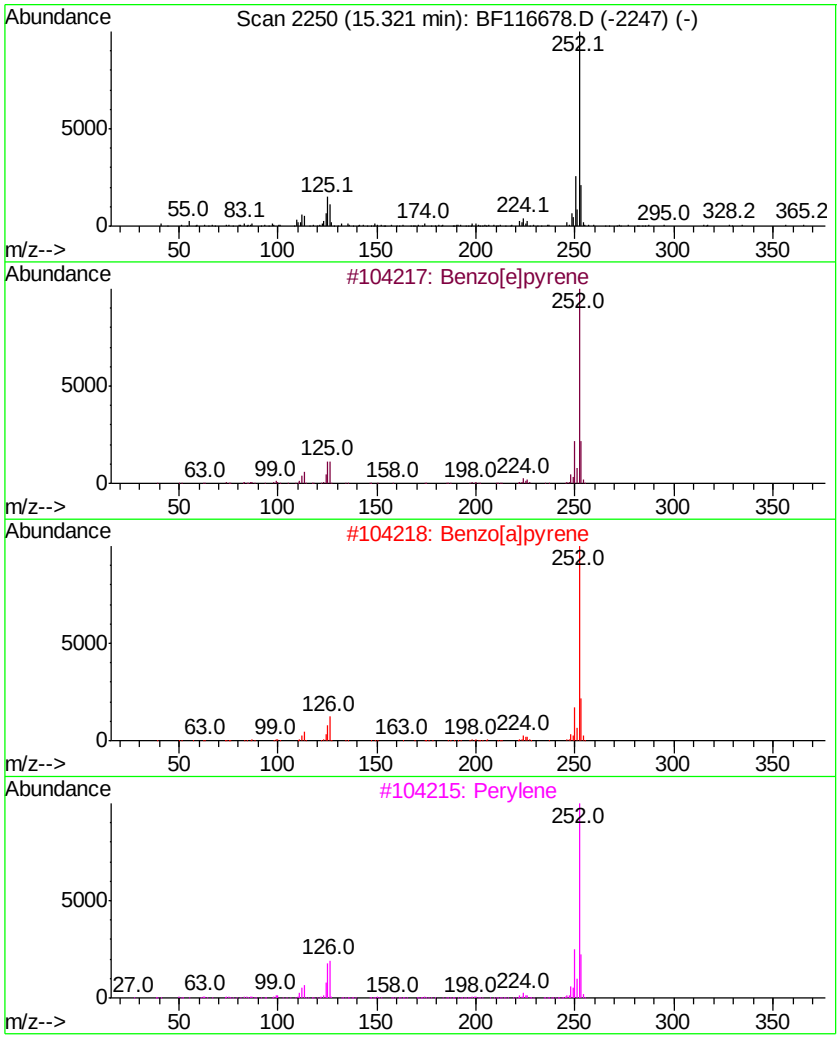
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

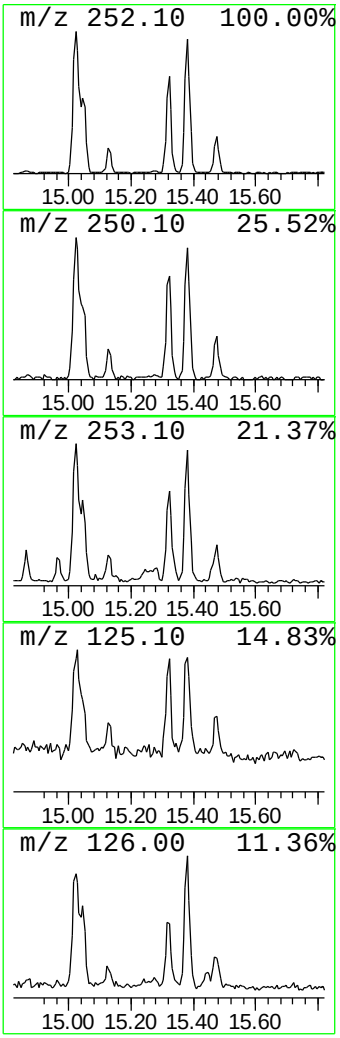
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.09 ng	168326	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Perylene	252	C20H12	000198-55-0	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083019\
Data File : BF116678.D
Acq On : 31 Aug 2019 4:13
Operator : HP/JU
Sample : K4527-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-M-(0-1.9)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.62	6.62	69.8	ng	2241600	1	6.85	642315	20.0
n-Hexadecanoic acid	11.89	3.4	ng	162484	4	11.36	963693	20.0
1-Nonadecene	13.83	8.5	ng	426250	5	13.99	1000530	20.0
Benzo[e]pyrene	15.32	5.1	ng	168326	6	15.44	661716	20.0