LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118941.D
Acq On : 14 Feb 2020 19:43
Operator : CG/JU
Sample : L1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-049-A

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-BF020320.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	2.146	6	10	21	rVB	56213	88118	1.85%	0.222%
2	4.992	491	494	504	rVB	86678	120277	2.52%	0.303%
3	5.404	559	564	577	rBV	3467945	3425391	71.78%	8.620%
4	6.416	731	736	739	rBV	4675981	4772298	100.00%	12.010%
5	6.775	793	797	801	rBV	1923819	1585621	33.23%	3.990%
6	6.933	820	824	827	rBV	4868838	4224727	88.53%	10.632%
7	7.339	888	893	896	rBV	3255961	3194937	66.95%	8.040%
8	8.057	1011	1015	1023	rBV	1743209	1451262	30.41%	3.652%
9	9.133	1193	1198	1201	rBV	4994295	4371433	91.60%	11.001%
10	9.522	1261	1264	1269	rBV	285566	249425	5.23%	0.628%
11	9.810	1309	1313	1316	rVB	1943433	1623930	34.03%	4.087%
12	10.598	1442	1447	1450	rBV	2822296	2558260	53.61%	6.438%
13	11.292	1561	1565	1567	rBV	1746555	1459746	30.59%	3.674%
14	11.316	1567	1569	1573	rVV	242054	202357	4.24%	0.509%
15	11.363	1573	1577	1581	rVB	70978	79018	1.66%	0.199%
16	11.821	1652	1655	1659	rBV2	194222	198596	4.16%	0.500%
17	11.904	1666	1669	1671	rBV2	54793	49971	1.05%	0.126%
18	12.504	1767	1771	1774	rBV	450603	438825	9.20%	1.104%
19	12.604	1785	1788	1790	rBV2	40682	51036	1.07%	0.128%
20	12.727	1802	1809	1812	rBV	411476	452637	9.48%	1.139%
21	12.874	1830	1834	1837	rBV	3778829	3337313	69.93%	8.399%
22	12.951	1842	1847	1850	rBV3	36944	66132	1.39%	0.166%
23	13.057	1863	1865	1869	rVB	80870	76761	1.61%	0.193%
24	13.121	1869	1876	1879	rBV3	63924	102595	2.15%	0.258%
25	13.162	1879	1883	1885	rBV2	61660	66657	1.40%	0.168%
26	13.674	1967	1970	1973	rBV2	48915	56344	1.18%	0.142%
27	13.727	1977	1979	1985	rVV4	43011	66919	1.40%	0.168%
28	13.786	1985	1989	1997	rVV3	154871	274989	5.76%	0.692%
29	13.927	2006	2013	2016	rBV2	1407702	1715668	35.95%	4.318%
30	13.951	2016	2017	2020	rVB	317618	192243	4.03%	0.484%
31	14.398	2091	2093	2096	rBV3	59163	64284	1.35%	0.162%
32	14.951	2183	2187	2190	rBV	375487	556194	11.65%	1.400%
33	15.021	2197	2199	2202	rVB	83818	76842	1.61%	0.193%
34	15.239	2233	2236	2242	rVB	213943	267718	5.61%	0.674%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118941.D
Acq On : 14 Feb 2020 19:43
Operator : CG/JU
Sample : L1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-049-A

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-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.298	2243	2246	2252	rVB	252496	323022	6.77%	0.813%
36	15.362	2252	2257	2260	rBV	1042857	1305411	27.35%	3.285%
37	16.768	2493	2496	2505	rVB2	137739	278265	5.83%	0.700%
38	17.197	2565	2569	2575	rVB	82516	168008	3.52%	0.423%
39	18.356	2763	2766	2771	rBV6	63379	143207	3.00%	0.360%

Sum of corrected areas: 39736437

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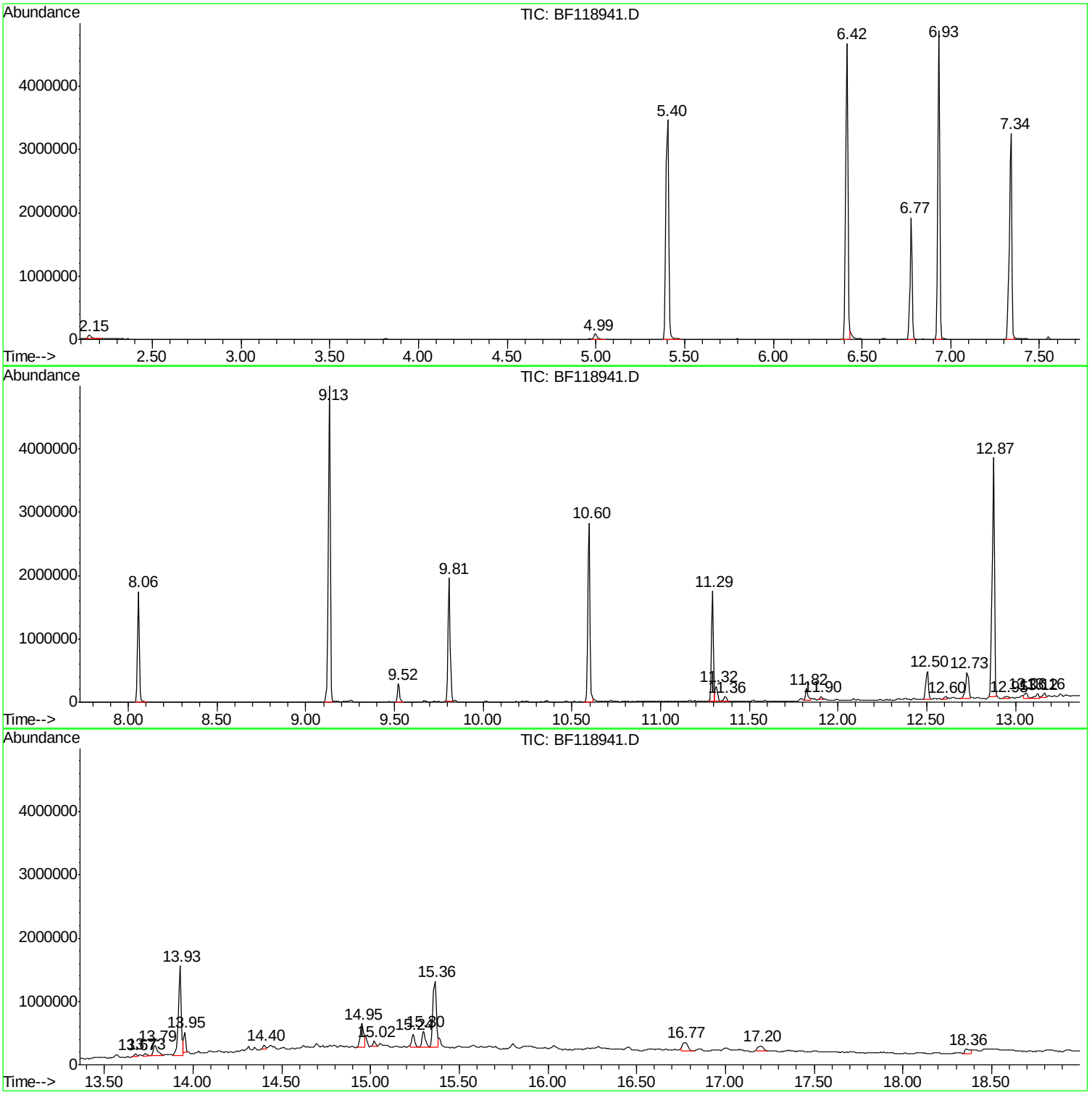
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-049-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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\BF021420\
Data File : BF118941.D
Acq On : 14 Feb 2020 19:43
Operator : CG/JU
Sample : L1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-049-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

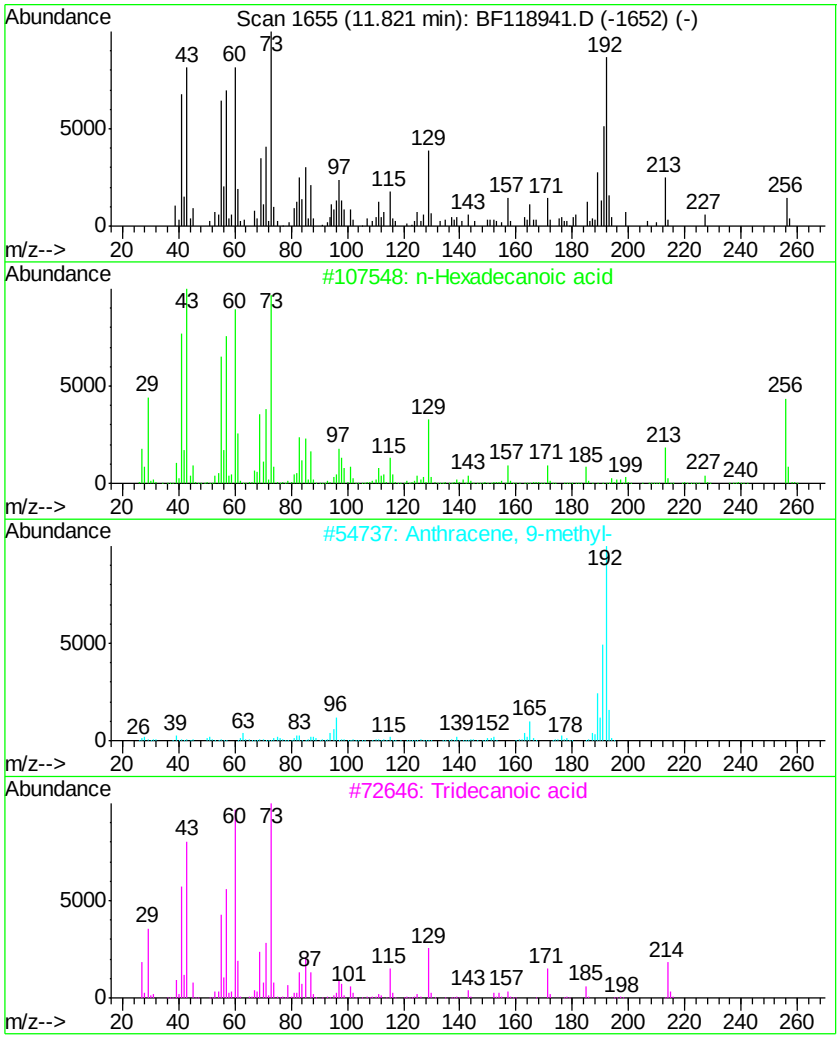
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

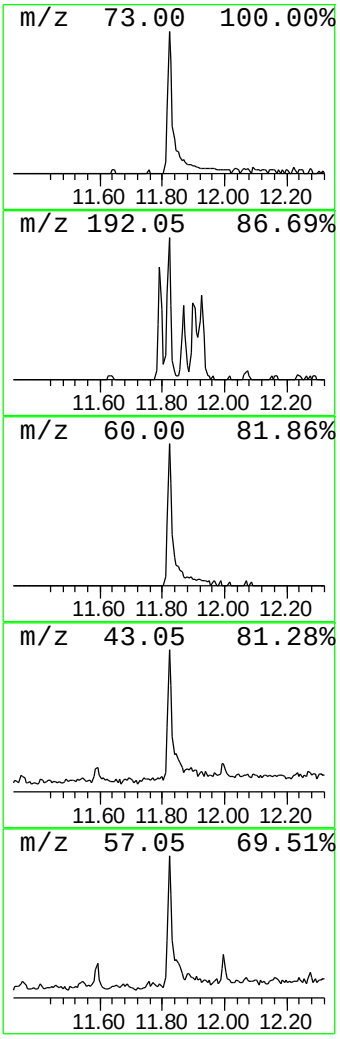
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.72 ng	198596	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118941.D
Acq On : 14 Feb 2020 19:43
Operator : CG/JU
Sample : L1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-049-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

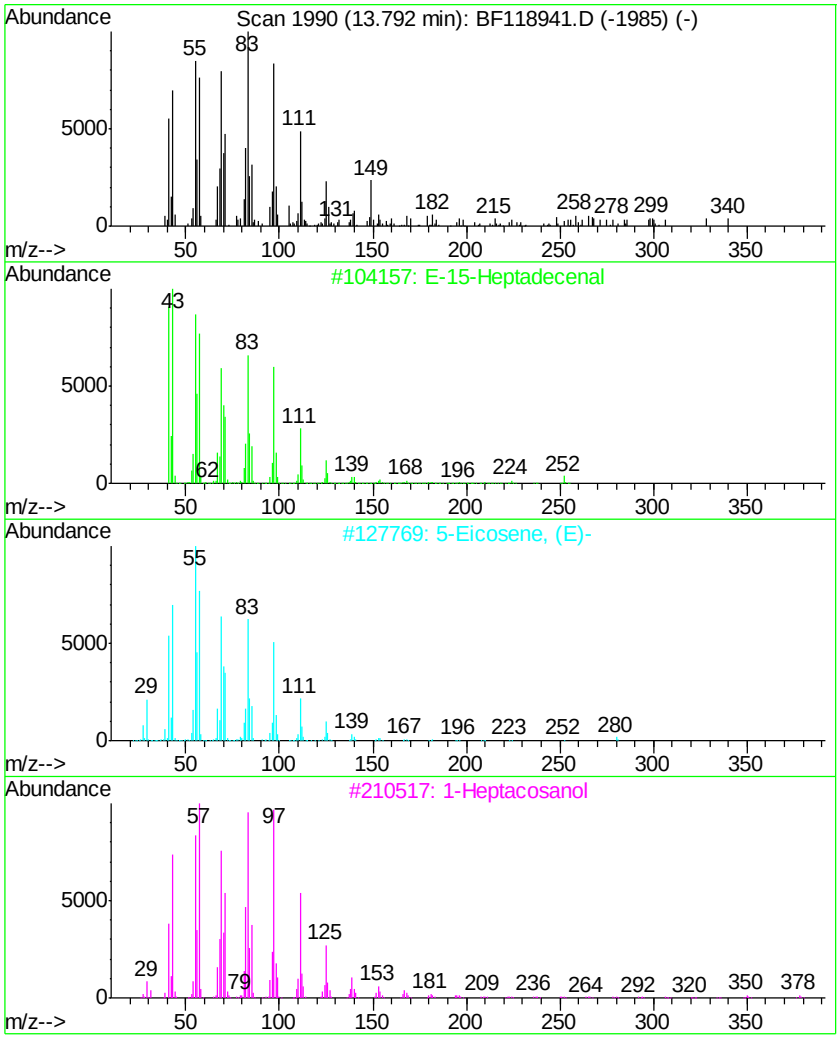
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

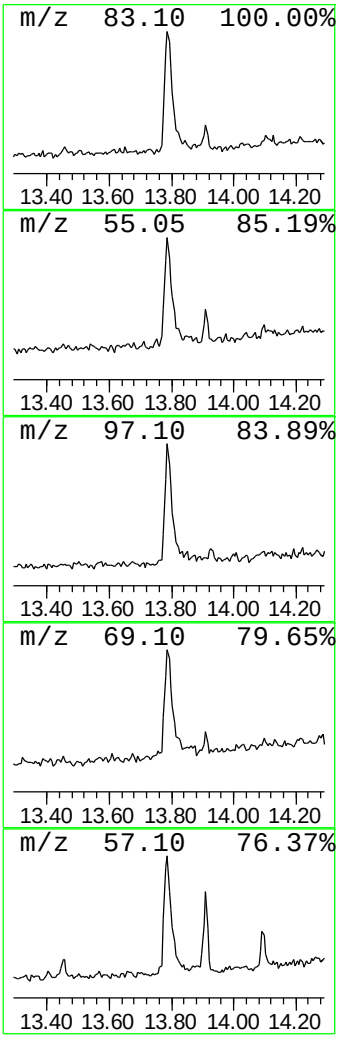
****

Peak Number 3 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.21 ng	274989	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118941.D
Acq On : 14 Feb 2020 19:43
Operator : CG/JU
Sample : L1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-049-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

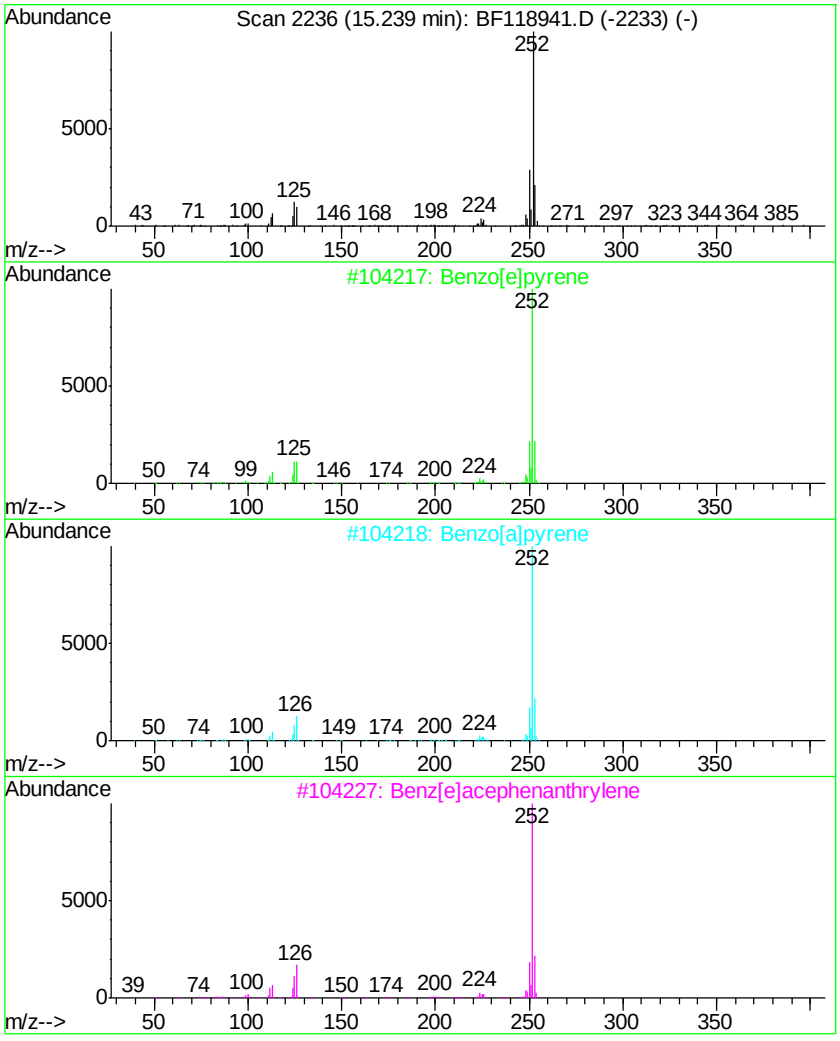
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

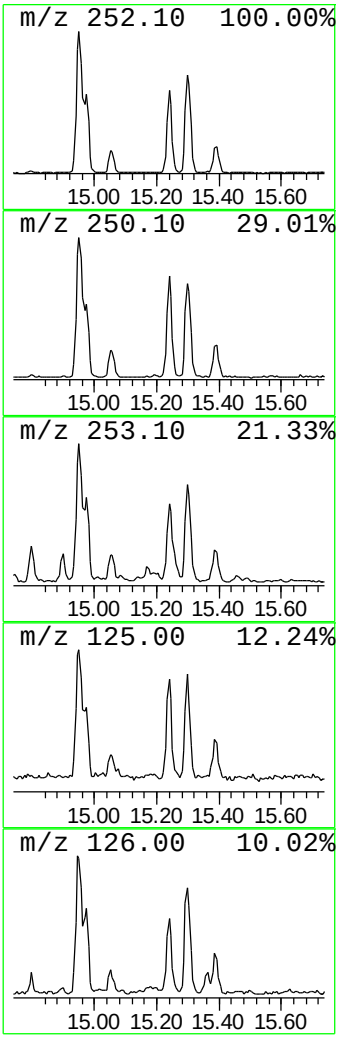
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.10 ng	267718	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118941.D
Acq On : 14 Feb 2020 19:43
Operator : CG/JU
Sample : L1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-049-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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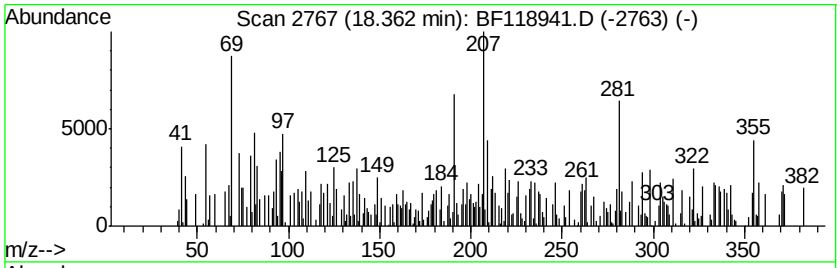
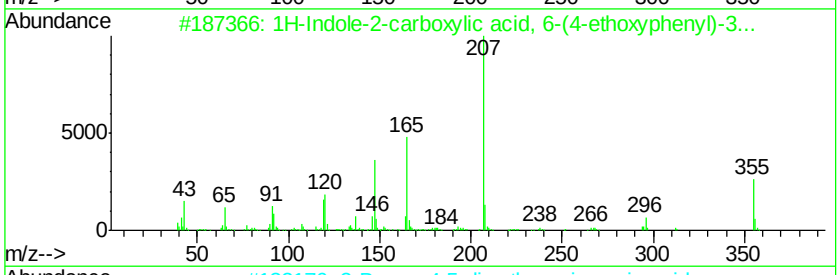
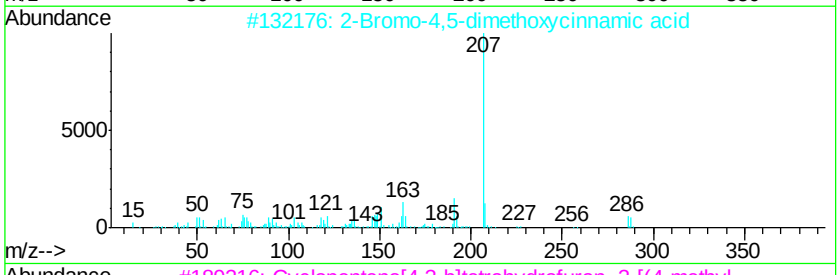
Peak Number 5 unknown18.36 Concentration Rank 5

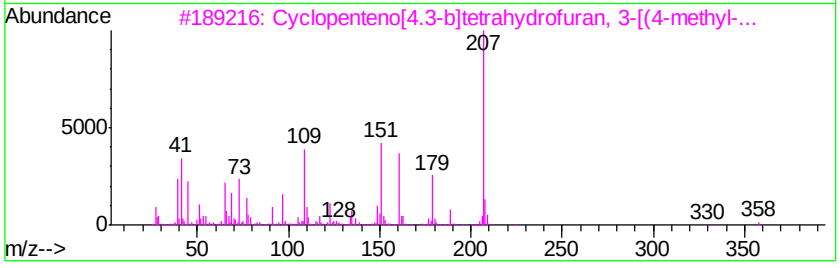
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.19 ng	143207	Perylene-d12	15.36

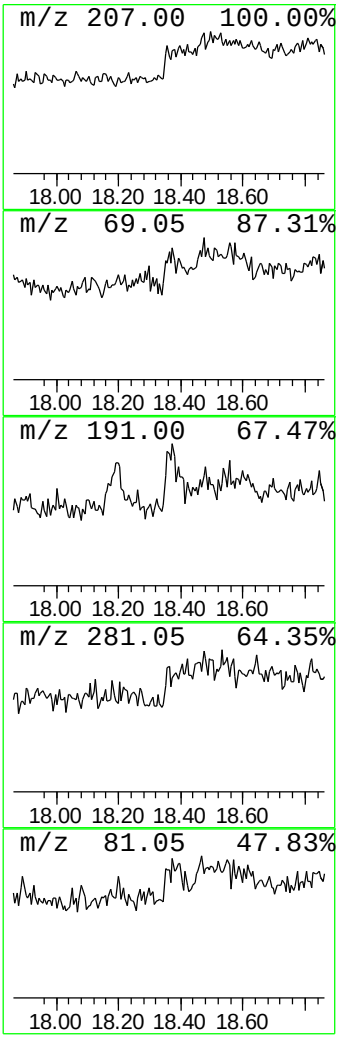
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-2-carboxylic acid, 6-(...	355	C21H25NO4	1000316-17-5	30
2	2-Bromo-4,5-dimethoxycinnamic acid	286	C11H11BrO4	051314-72-8	22
3	Cyclopenteno[4.3-b]tetrahydrofur...	358	C19H18O5S	1000211-22-7	22
4	2-Nitro-4-(trifluoromethyl)phenol	207	C7H4F3NO3	000400-99-7	18
5	Quinoline, 8-bromo-	207	C9H6BrN	016567-18-3	18











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118941.D
Acq On : 14 Feb 2020 19:43
Operator : CG/JU
Sample : L1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-049-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
n-Hexadecanoic acid	11.82	2.7	ng	198596	4	11.29	1459750	20.0
E-15-Heptadecenal	13.79	3.2	ng	274989	5	13.93	1715670	20.0
Benzo[e]pyrene	15.24	4.1	ng	267718	6	15.36	1305410	20.0
unknown18.36	18.36	2.2	ng	143207	6	15.36	1305410	20.0