LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

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-BF012020.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	2.122	3	6	14	rVB	346502	485663	7.46%	0.849%
2	5.063	498	506	519	rVB	64129	88043	1.35%	0.154%
3	5.463	569	574	577	rBV	5222802	5147546	79.11%	9.000%
4	6.469	739	745	748	rBV	5048735	5235308	80.46%	9.153%
5	6.839	804	808	811	rBV	1893264	1465055	22.52%	2.562%
6	6.998	831	835	838	rBV	5195537	4456865	68.50%	7.792%
7	7.398	898	903	906	rBV	3702752	3497116	53.75%	6.114%
8	8.122	1022	1026	1029	rBV	2279503	1919970	29.51%	3.357%
9	9.198	1204	1209	1212	rBV	7308406	6506611	100.00%	11.376%
10	9.586	1272	1275	1284	rVB	316226	276025	4.24%	0.483%
11	9.874	1317	1324	1328	rBV	2455643	2259606	34.73%	3.951%
12	9.910	1328	1330	1333	rVB	107898	88051	1.35%	0.154%
13	10.080	1355	1359	1362	rBV	82301	70167	1.08%	0.123%
14	10.422	1414	1417	1421	rBV	136938	117740	1.81%	0.206%
15	10.663	1453	1458	1462	rBV	4868687	4531654	69.65%	7.923%
16	10.786	1476	1479	1488	rVB4	52980	83619	1.29%	0.146%
17	11.233	1548	1555	1557	rBV6	54828	87108	1.34%	0.152%
18	11.257	1557	1559	1566	rVB2	63416	72477	1.11%	0.127%
19	11.363	1573	1577	1579	rBV	2438527	2214290	34.03%	3.871%
20	11.386	1579	1581	1584	rVV	977731	765743	11.77%	1.339%
21	11.433	1584	1589	1592	rVB	304631	280224	4.31%	0.490%
22	11.586	1610	1615	1619	rBV2	194225	207704	3.19%	0.363%
23	11.863	1659	1662	1664	rBV	96316	90217	1.39%	0.158%
24	11.892	1664	1667	1671	rVV	515863	488774	7.51%	0.855%
25	11.974	1677	1681	1683	rBV	177071	162538	2.50%	0.284%
26	12.145	1707	1710	1714	rBV2	276832	278236	4.28%	0.486%
27	12.574	1779	1783	1786	rBV	1039351	908249	13.96%	1.588%
28	12.674	1797	1800	1806	rBV2	98155	132446	2.04%	0.232%
29	12.804	1816	1822	1824	rBV	794815	876776	13.48%	1.533%
30	12.951	1842	1847	1850	rVB	6388792	6140790	94.38%	10.737%
31	13.133	1875	1878	1880	rVB	122494	115174	1.77%	0.201%
32	13.198	1885	1889	1891	rBV	121046	121803	1.87%	0.213%
33	13.233	1892	1895	1898	rBV2	86931	103135	1.59%	0.180%
34	13.845	1995	1999	2005	rBV	720378	780674	12.00%	1.365%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.998	2020	2025	2028	rBV2	1993920	2173679	33.41%	3.800%
36	14.021	2028	2029	2032	rVB	312049	240093	3.69%	0.420%
37	14.480	2104	2107	2110	rBV2	150013	155587	2.39%	0.272%
38	14.780	2156	2158	2161	rVB	101885	92468	1.42%	0.162%
39	14.857	2168	2171	2174	rBV	293384	345408	5.31%	0.604%
40	15.033	2198	2201	2211	rVB	323212	618707	9.51%	1.082%
41	15.115	2212	2215	2218	rBV2	177074	230164	3.54%	0.402%
42	15.333	2249	2252	2258	rVB	207264	291384	4.48%	0.509%
43	15.392	2259	2262	2267	rVV	234826	270985	4.16%	0.474%
44	15.456	2269	2273	2277	rVV	1510096	1978365	30.41%	3.459%
45	15.492	2277	2279	2286	rVB3	224198	328317	5.05%	0.574%
46	15.933	2351	2354	2358	rVB	128594	154139	2.37%	0.269%
47	16.909	2516	2520	2531	rVB2	129308	260042	4.00%	0.455%

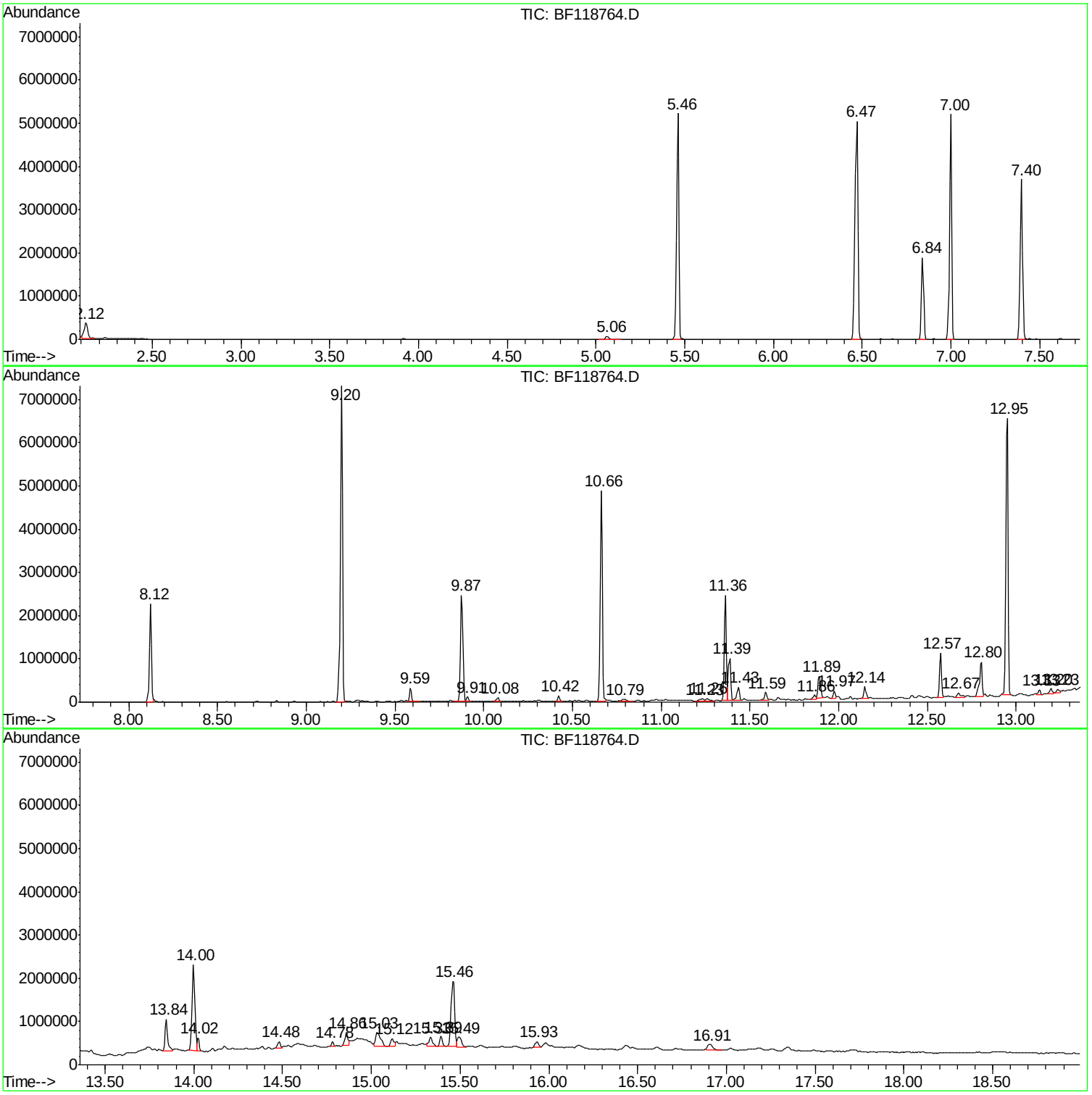
Sum of corrected areas: 57194735

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

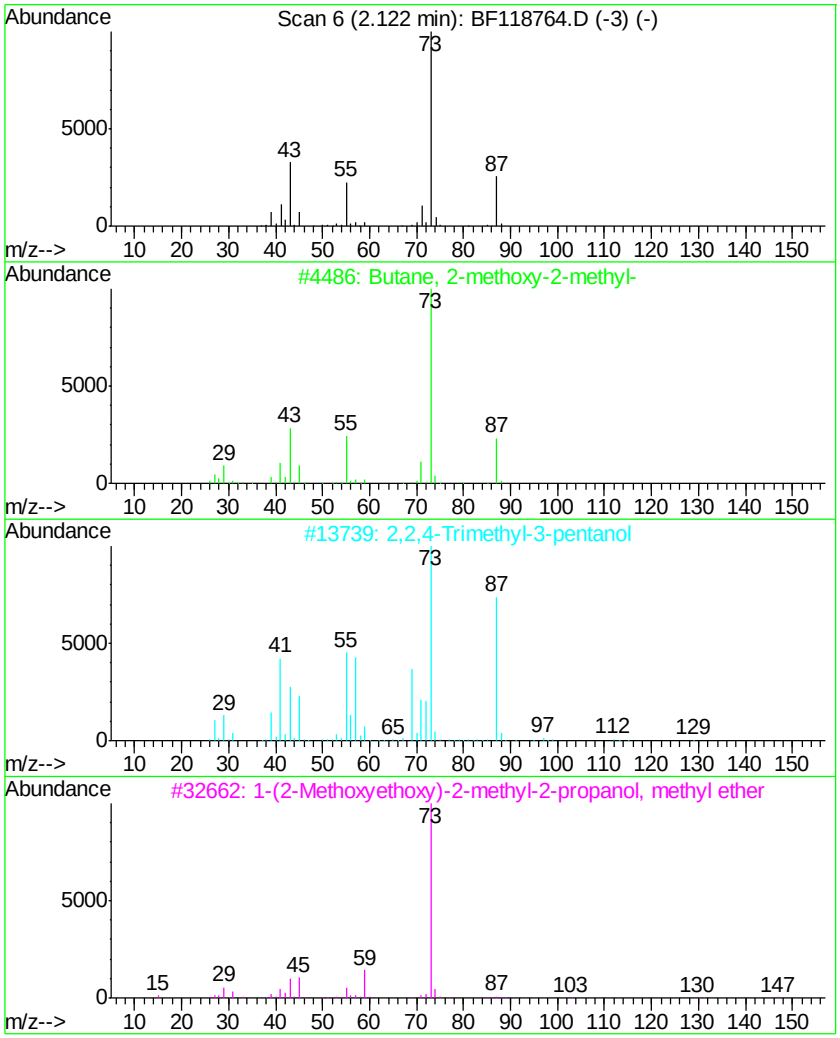
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

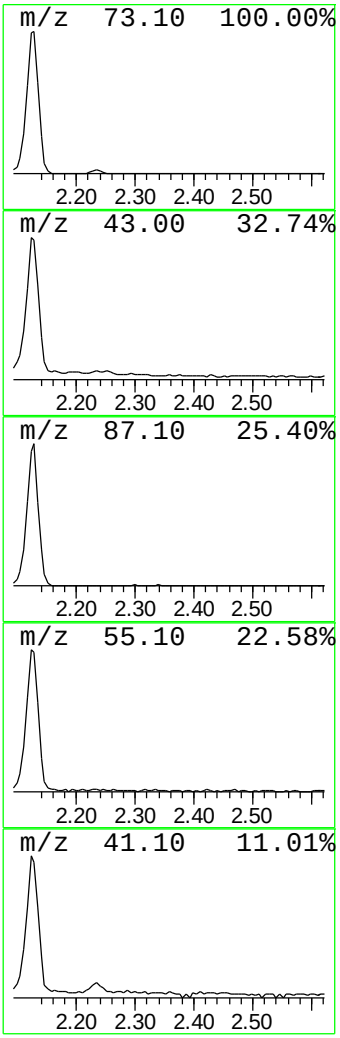
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	6.63 ng	485663	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

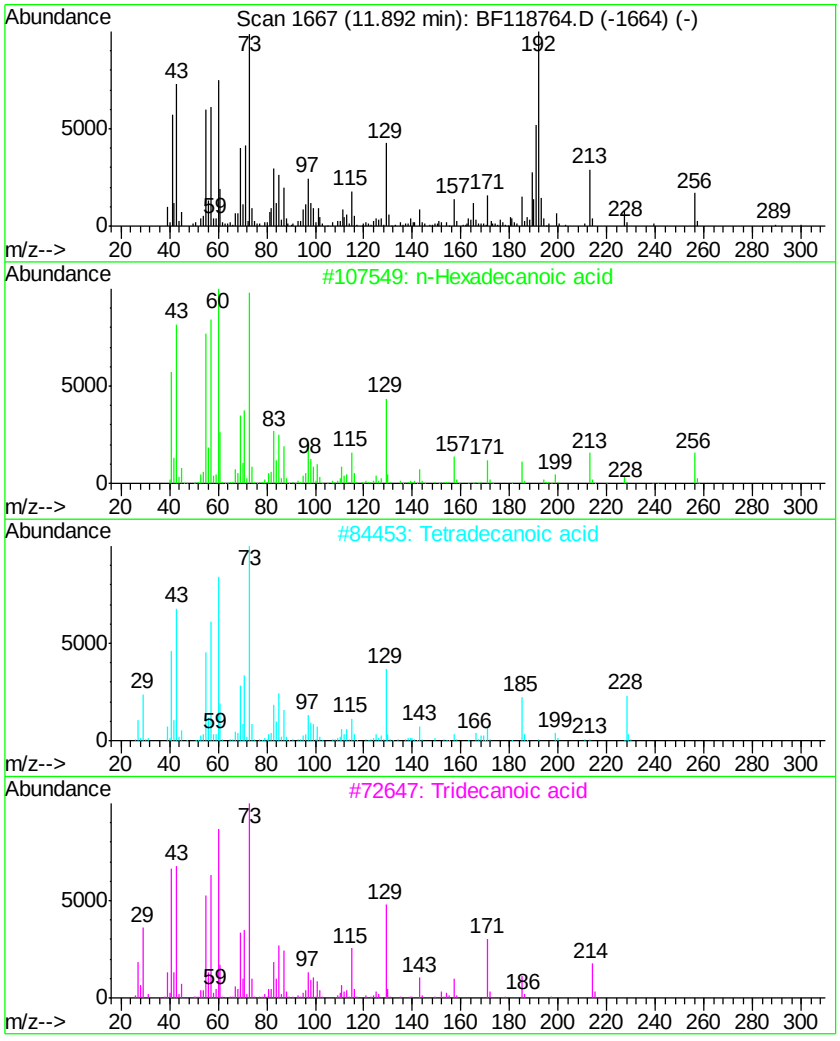
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

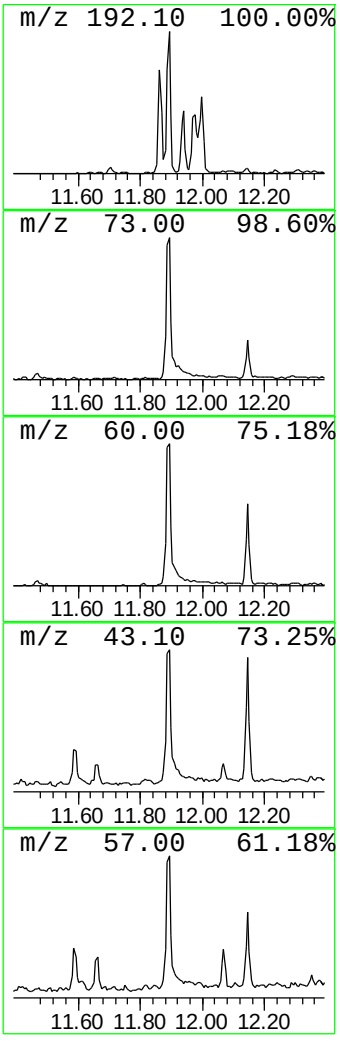
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.41 ng	488774	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

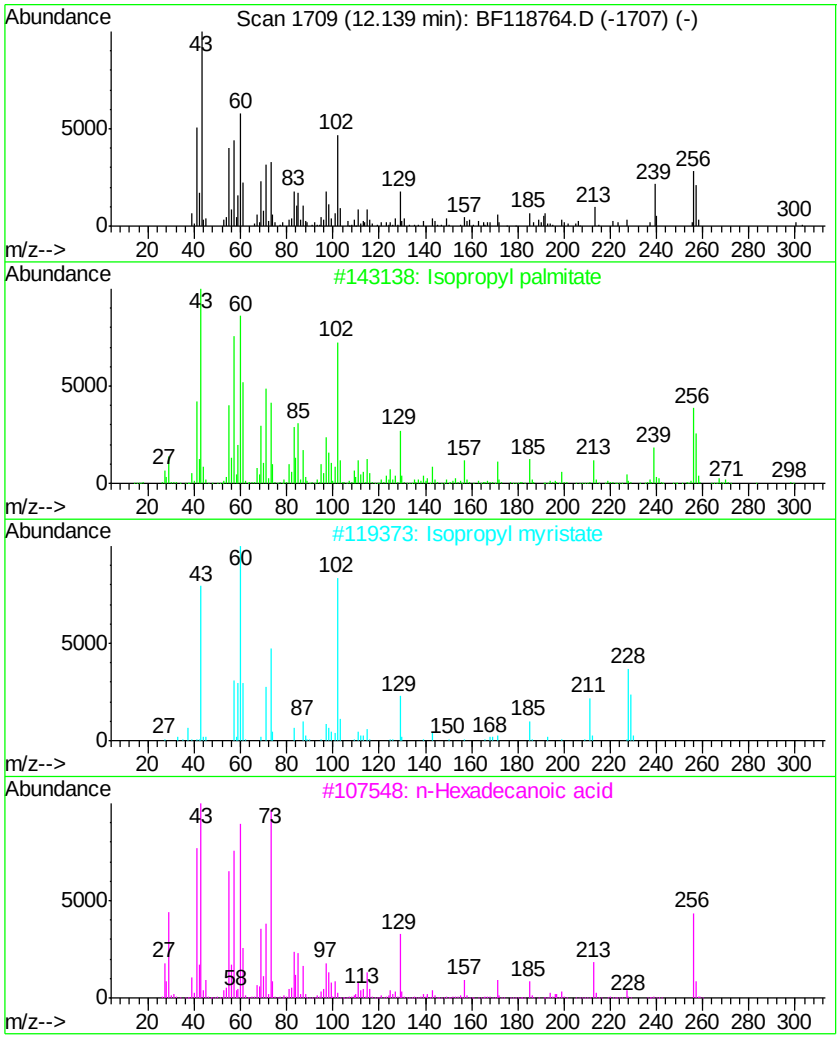
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

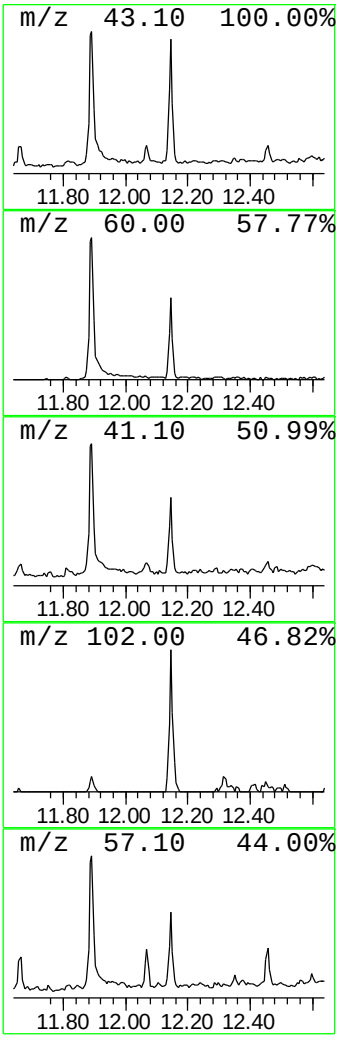
****

Peak Number 4 Isopropyl palmitate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.51 ng	278236	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	64
2	Isopropyl myristate	270	C17H34O2	000110-27-0	43
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	30
4	n-Decanoic acid	172	C10H20O2	000334-48-5	25
5	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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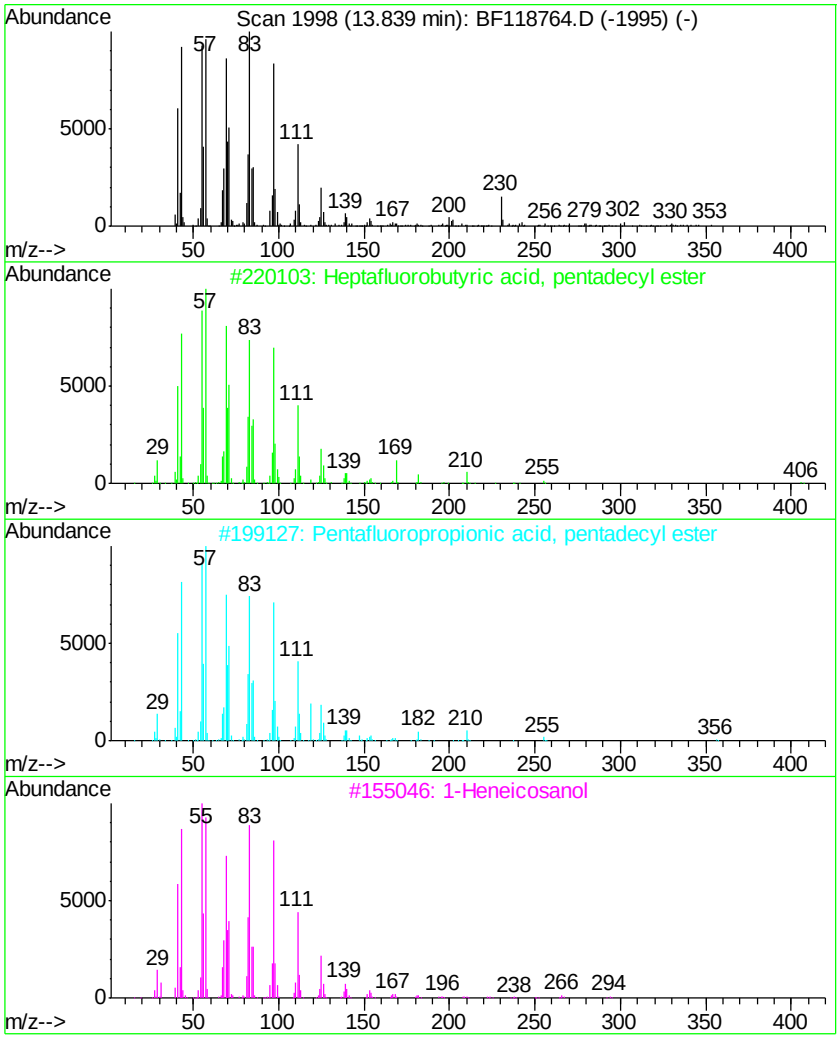
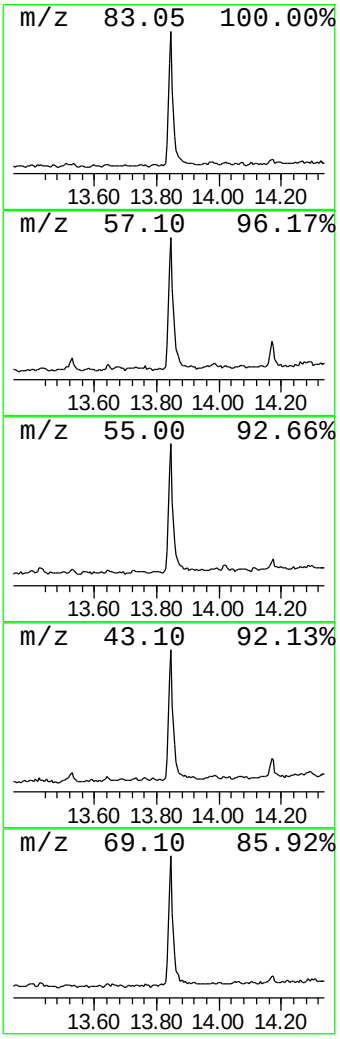
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	7.18 ng	780674	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

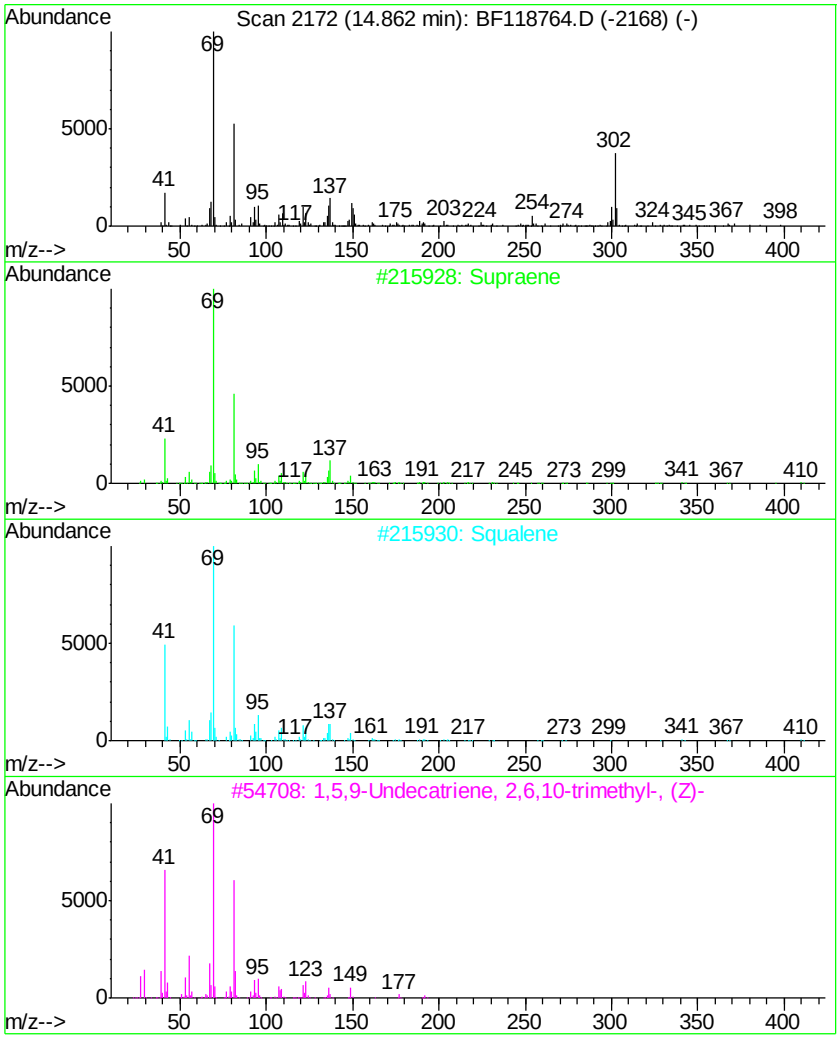
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

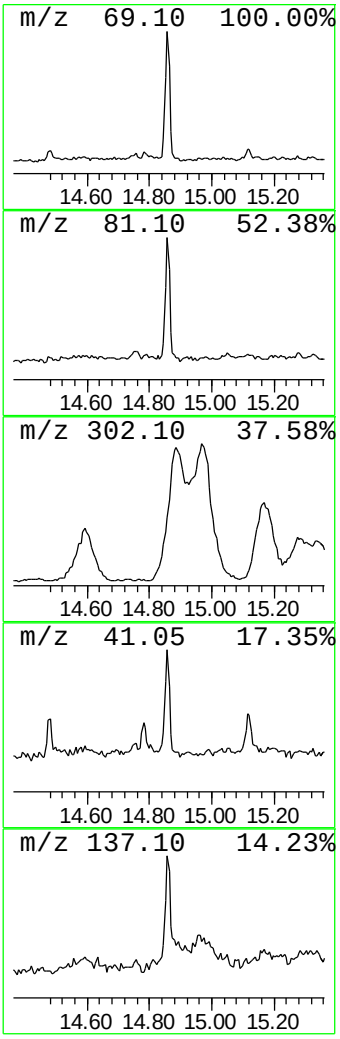
****

Peak Number 6 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.49 ng	345408	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	76
2	Squalene	410	C30H50	000111-02-4	76
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64
4	2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	50
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

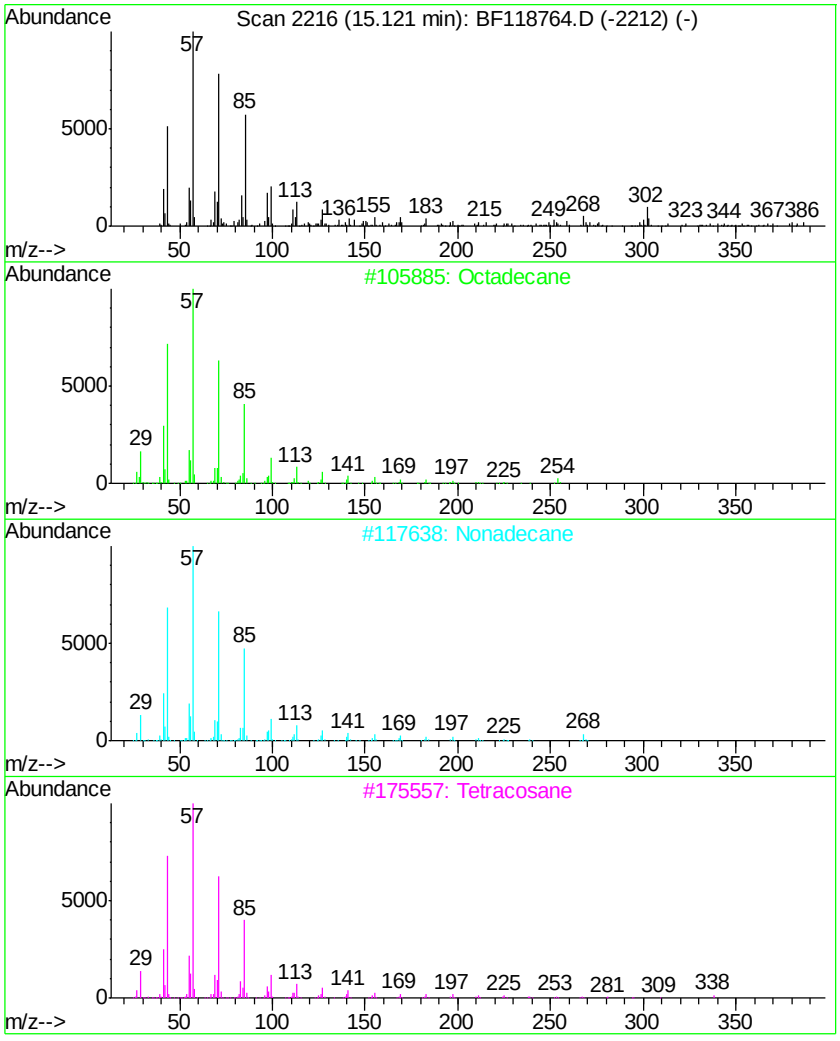
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

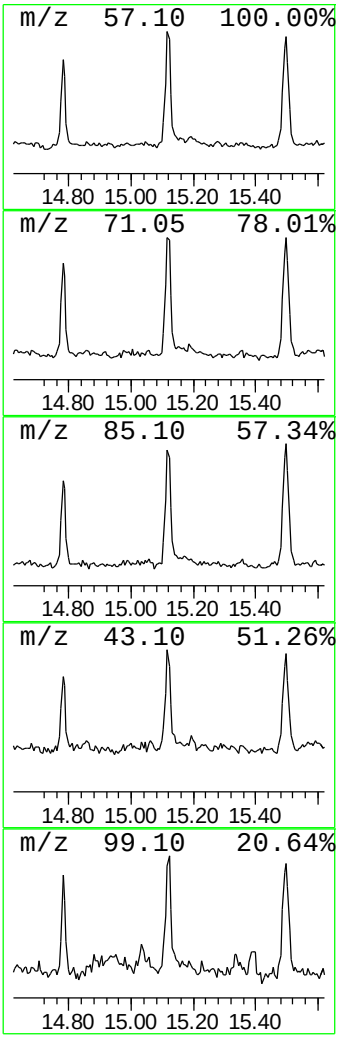
****

Peak Number 7 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.33 ng	230164	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

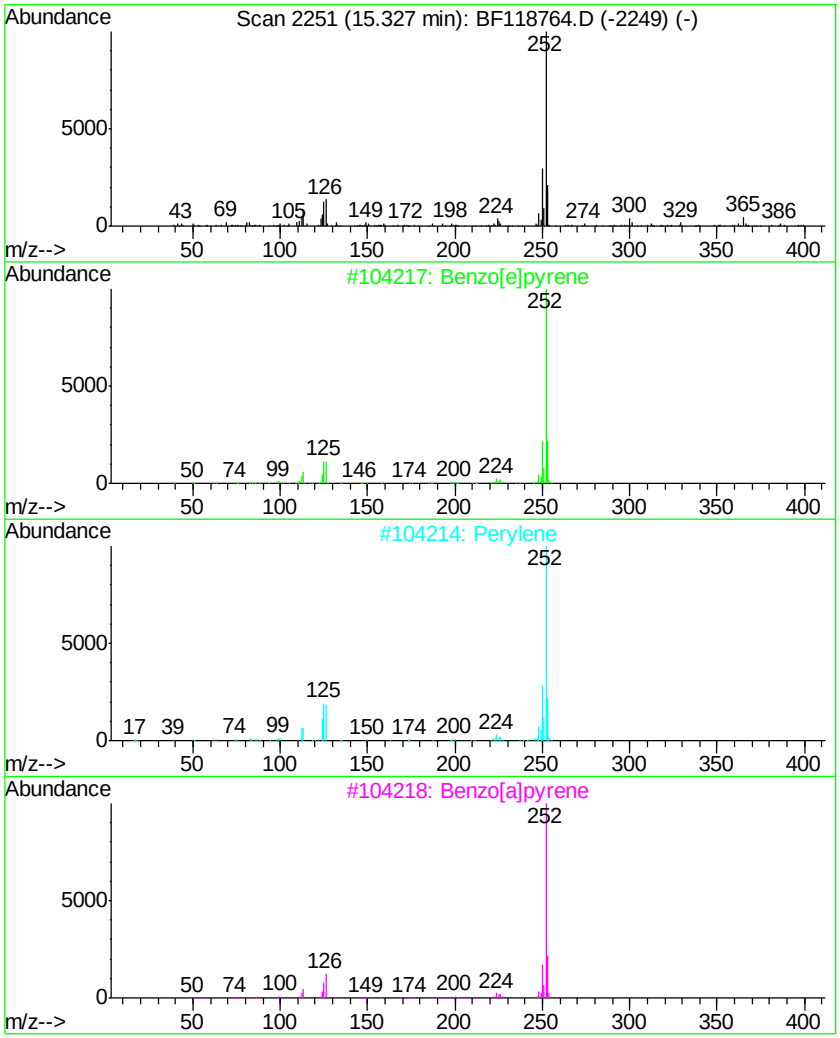
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

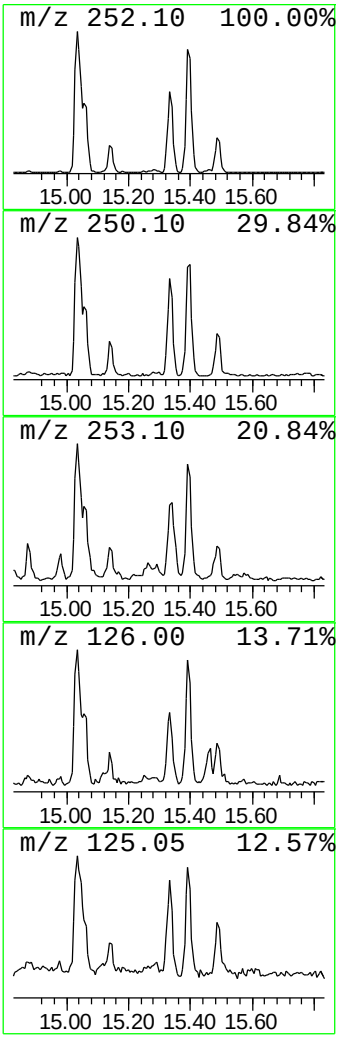
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.95 ng	291384	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Butane, 2-methoxy...	2.12	6.6	ng	485663	1	6.84	1465060	20.0
n-Hexadecanoic acid	11.89	4.4	ng	488774	4	11.36	2214290	20.0
Isopropyl palmitate	12.14	2.5	ng	278236	4	11.36	2214290	20.0
Heptafluorobutyri...	13.84	7.2	ng	780674	5	14.00	2173680	20.0
Supraene	14.86	3.5	ng	345408	6	15.46	1978370	20.0
Octadecane	15.12	2.3	ng	230164	6	15.46	1978370	20.0
Benzo[e]pyrene	15.33	3.0	ng	291384	6	15.46	1978370	20.0