LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119317.D
Acq On : 10 Mar 2020 15:23
Operator : CG/JU
Sample : L1778-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

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-BF022020.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	4.916	478	481	495	rVB	90077	129669	1.70%	0.537%
2	5.357	553	556	583	rBV	878690	1206420	15.84%	4.999%
3	6.381	727	730	753	rBV	877740	1224913	16.08%	5.076%
4	6.722	785	788	798	rBV	801414	716431	9.40%	2.969%
5	6.881	811	815	824	rBV	1218583	1100333	14.44%	4.560%
6	7.286	881	884	902	rBV	713531	799621	10.50%	3.314%
7	8.004	1003	1006	1016	rBV	1012700	922782	12.11%	3.824%
8	9.080	1185	1189	1199	rBV	1852926	1568167	20.59%	6.498%
9	9.480	1254	1257	1264	rVB	82803	86508	1.14%	0.358%
10	9.727	1295	1299	1301	rBV	87773	95502	1.25%	0.396%
11	9.757	1301	1304	1308	rVB	1135235	980784	12.87%	4.064%
12	10.551	1435	1439	1449	rBV	864440	837252	10.99%	3.470%
13	11.245	1553	1557	1559	rBV	1019480	902460	11.85%	3.740%
14	11.269	1559	1561	1565	rVB	287037	238696	3.13%	0.989%
15	11.774	1644	1647	1654	rVB2	207745	215997	2.84%	0.895%
16	12.457	1761	1763	1768	rVB	521126	431756	5.67%	1.789%
17	12.551	1777	1779	1785	rBV3	70672	93870	1.23%	0.389%
18	12.686	1796	1802	1807	rBV	459201	480394	6.31%	1.991%
19	12.821	1821	1825	1829	rBV	1387408	1184455	15.55%	4.908%
20	13.015	1852	1858	1861	rBV2	60897	100612	1.32%	0.417%
21	13.292	1902	1905	1909	rBV	749104	675520	8.87%	2.799%
22	13.704	1972	1975	1977	rBV2	168377	148699	1.95%	0.616%
23	13.727	1977	1979	1988	rVB3	106621	197104	2.59%	0.817%
24	13.868	1997	2003	2005	rBV	6311942	7617795	100.00%	31.567%
25	13.886	2005	2006	2009	rVV	915422	684447	8.98%	2.836%
26	13.915	2009	2011	2014	rVB	206037	185237	2.43%	0.768%
27	14.915	2177	2181	2183	rBV	193719	261431	3.43%	1.083%
28	15.204	2227	2230	2234	rVB	94309	101205	1.33%	0.419%
29	15.262	2237	2240	2243	rVV	147275	169034	2.22%	0.700%
30	15.315	2245	2249	2262	rVB	502618	774677	10.17%	3.210%

Sum of corrected areas: 24131771

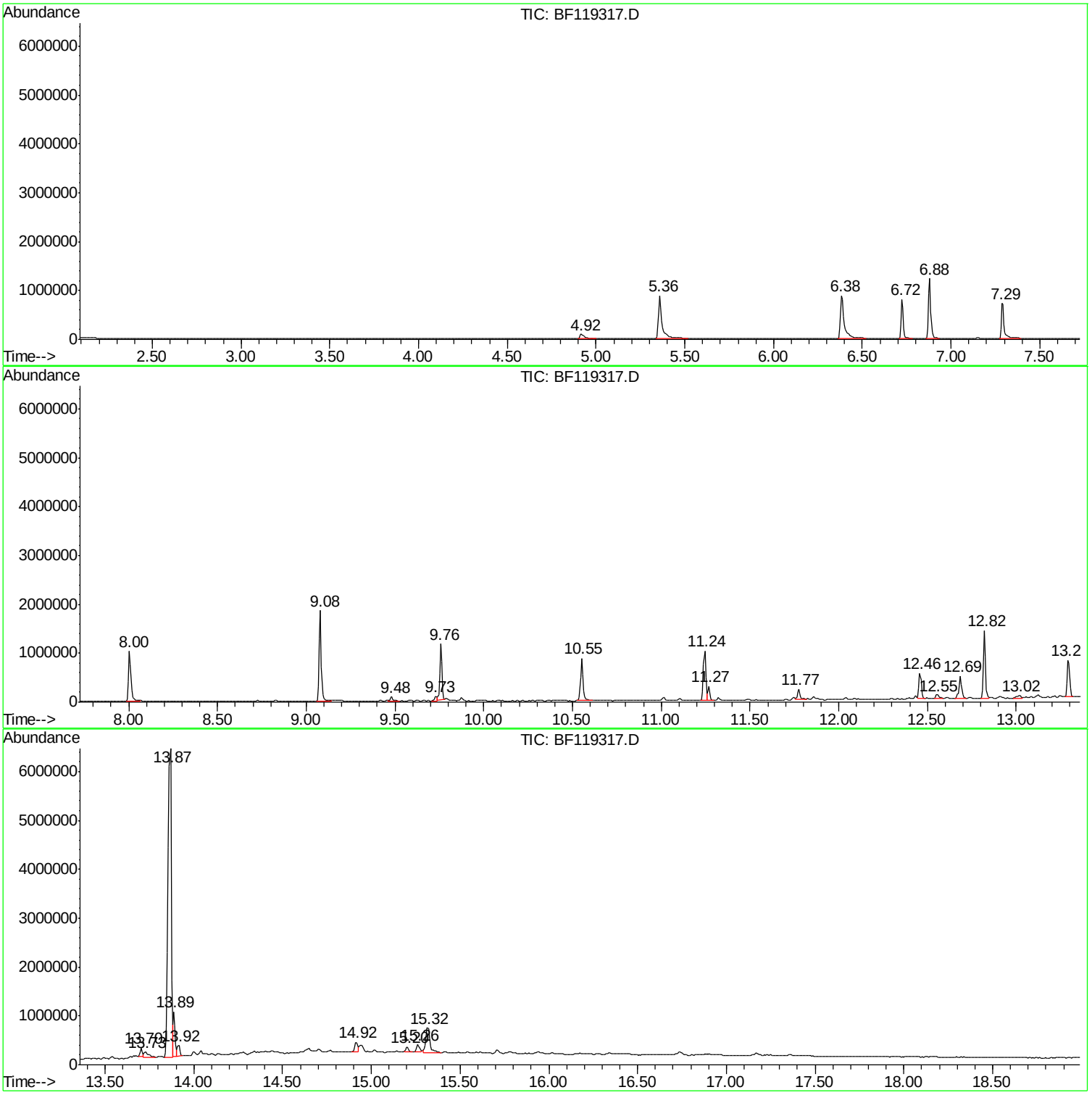
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119317.D
Acq On : 10 Mar 2020 15:23
Operator : CG/JU
Sample : L1778-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF031020\
Data File : BF119317.D
Acq On : 10 Mar 2020 15:23
Operator : CG/JU
Sample : L1778-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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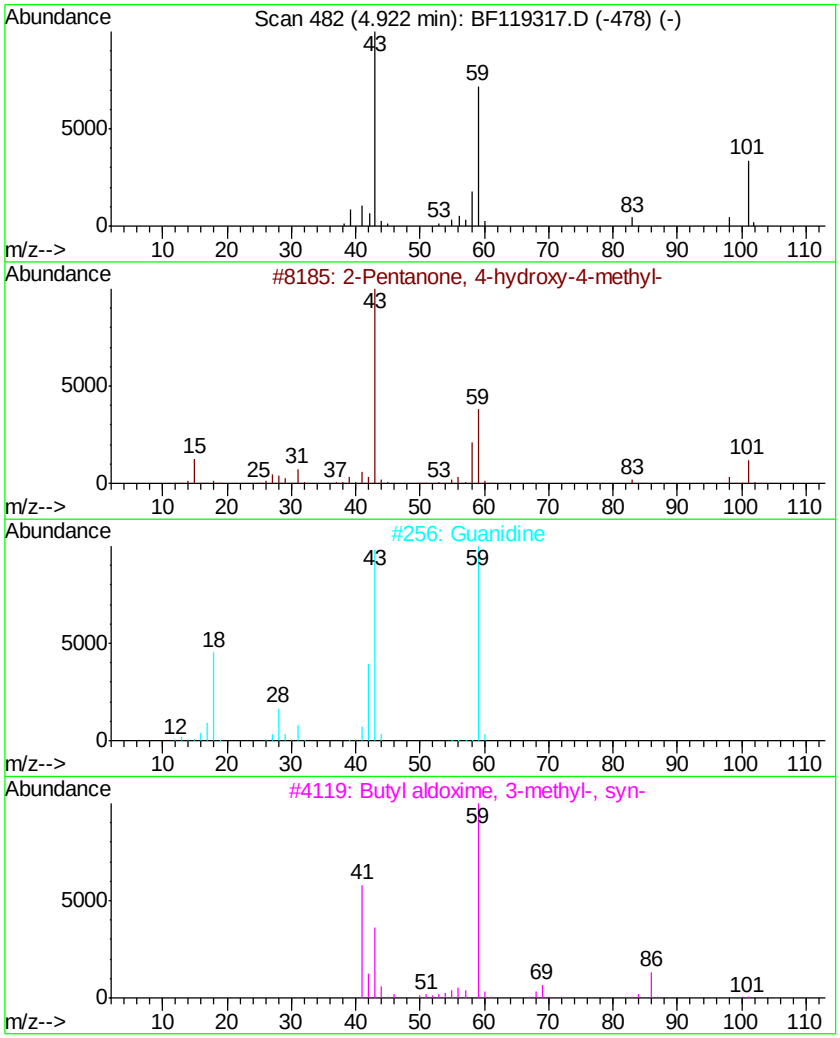
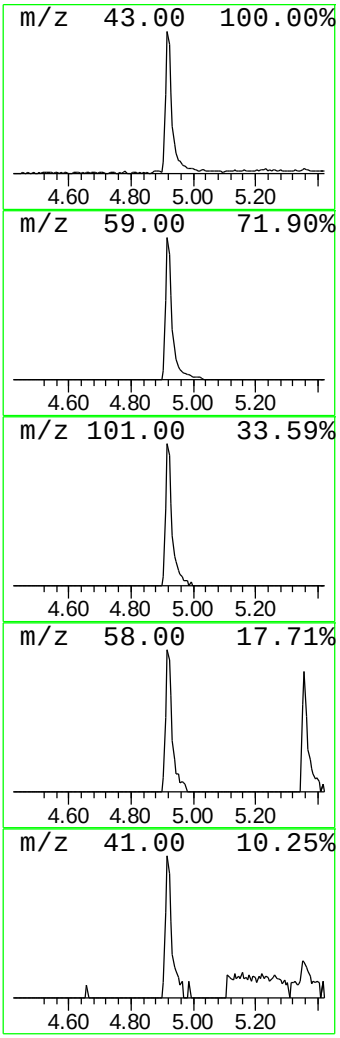
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.62 ng	129669	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Guanidine	59	CH5N3	000113-00-8	50
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	37
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	28





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Data File : BF119317.D
Acq On : 10 Mar 2020 15:23
Operator : CG/JU
Sample : L1778-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

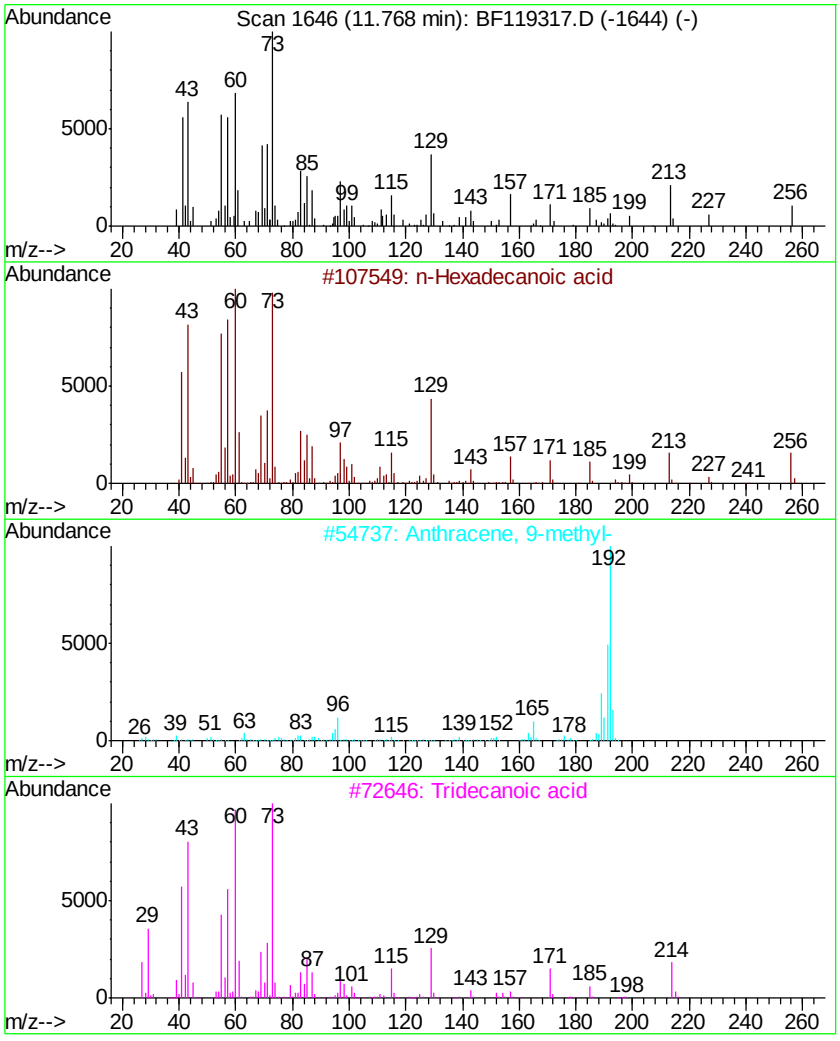
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

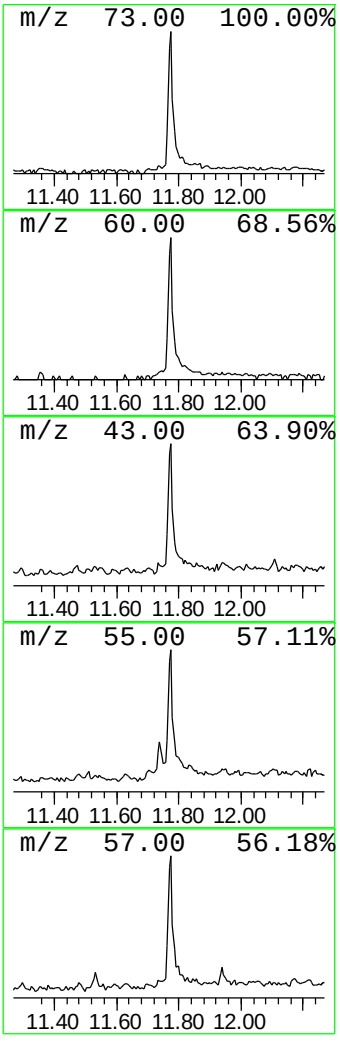
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.79 ng	215997	Phenanthrene-d10	11.24

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	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	46
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	45
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119317.D
Acq On : 10 Mar 2020 15:23
Operator : CG/JU
Sample : L1778-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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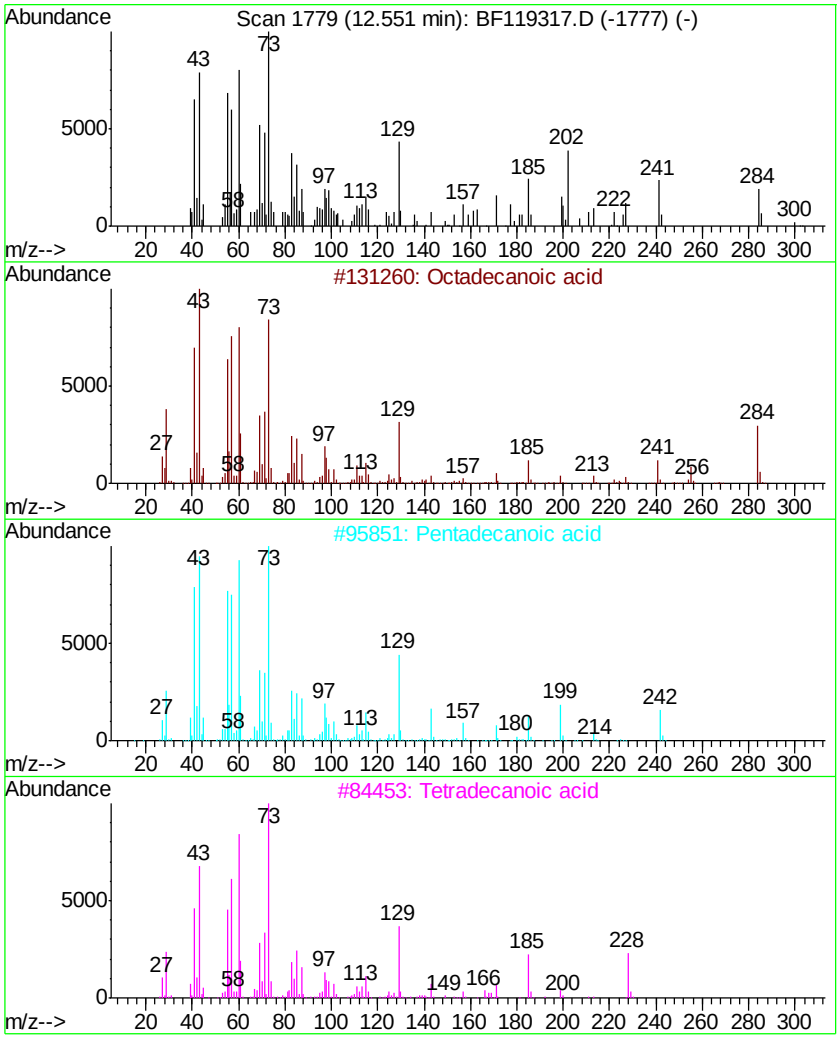
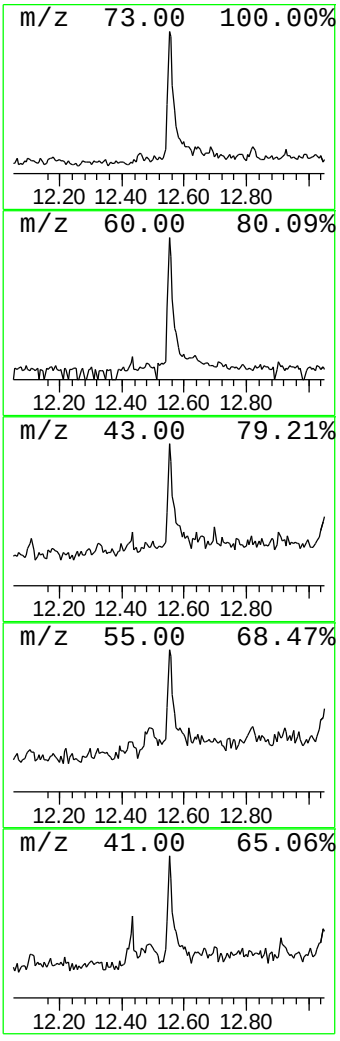
Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.08 ng	93870	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119317.D
Acq On : 10 Mar 2020 15:23
Operator : CG/JU
Sample : L1778-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

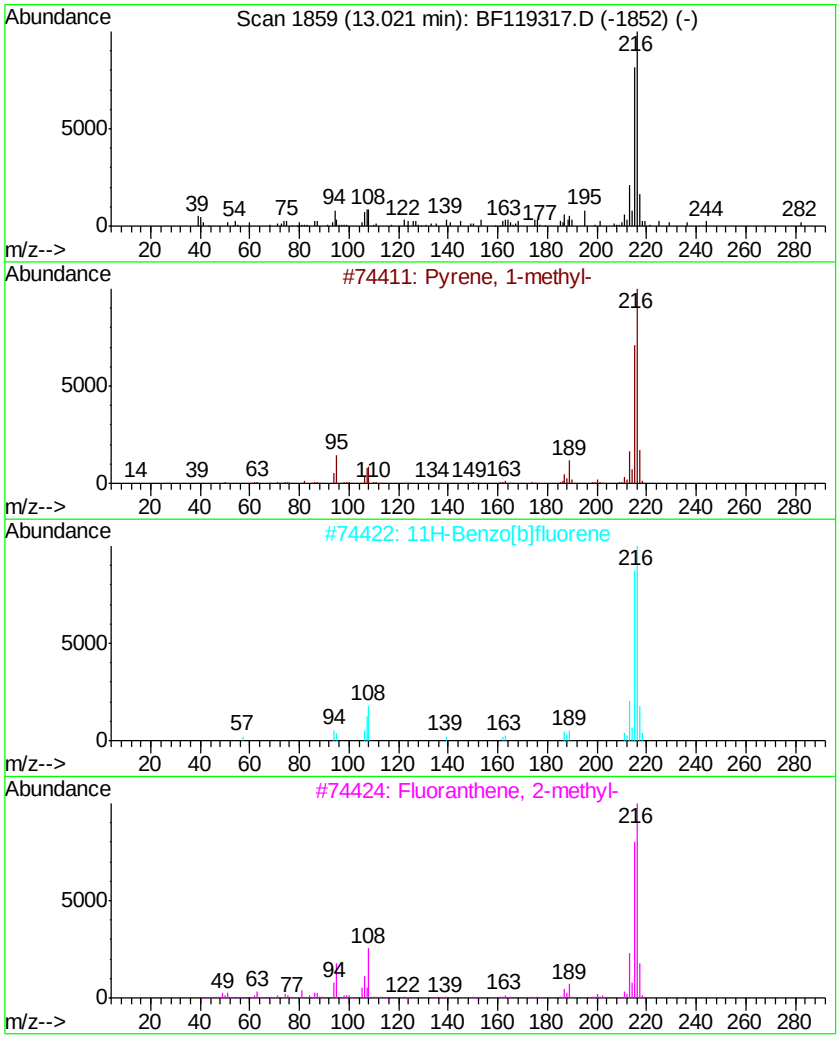
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

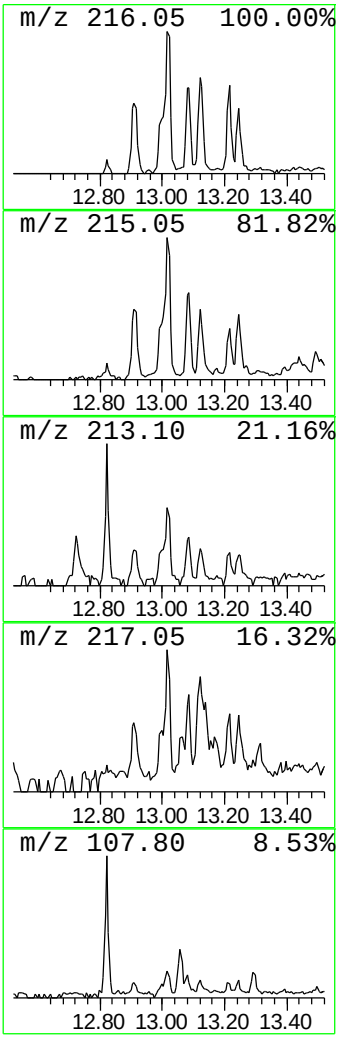
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.94 ng	100612	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119317.D
Acq On : 10 Mar 2020 15:23
Operator : CG/JU
Sample : L1778-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

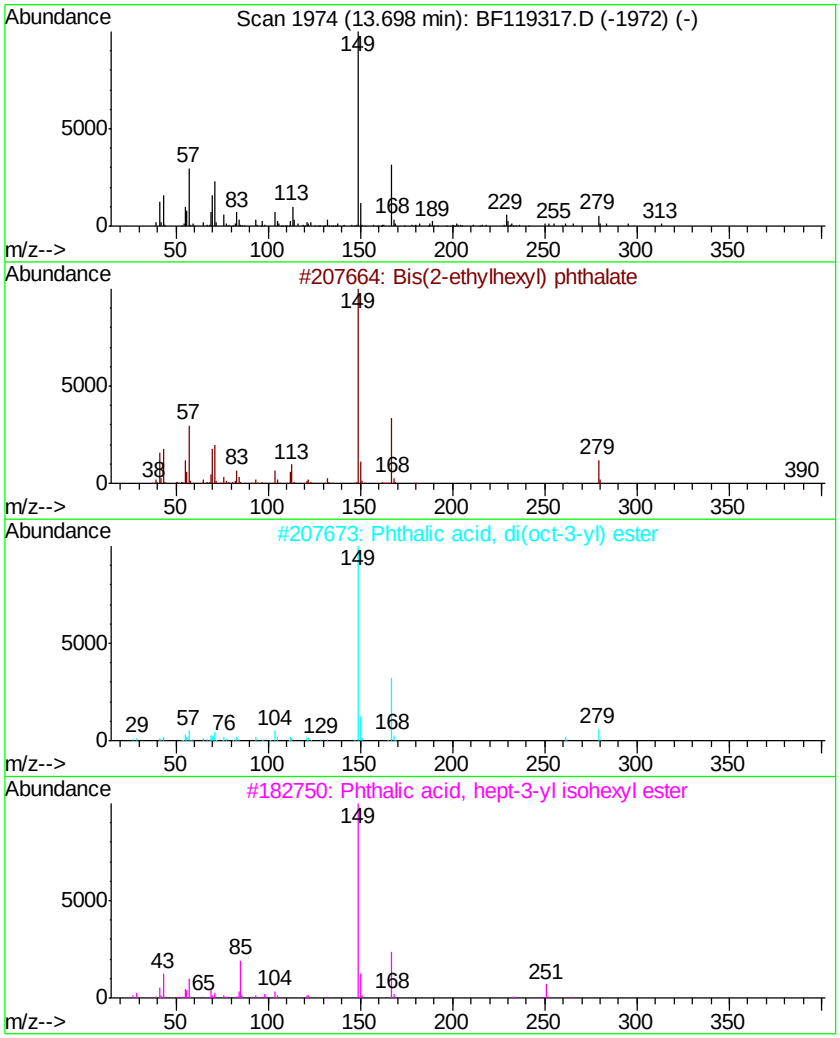
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

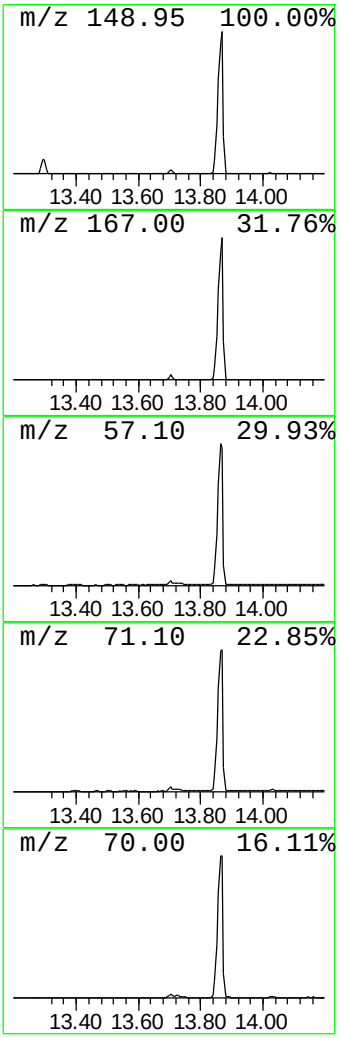
****

Peak Number 6 Phthalic acid, di(oct-3-yl)... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.35 ng	148699	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	87
2	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	64
3	Phthalic acid, hept-3-yl isohexy...	348	C21H32O4	1000356-98-9	58
4	Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	58
5	Phthalic acid, 4-cyanophenyl 2-e...	379	C23H25NO4	1000315-51-9	53





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Data File : BF119317.D
Acq On : 10 Mar 2020 15:23
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Sample : L1778-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

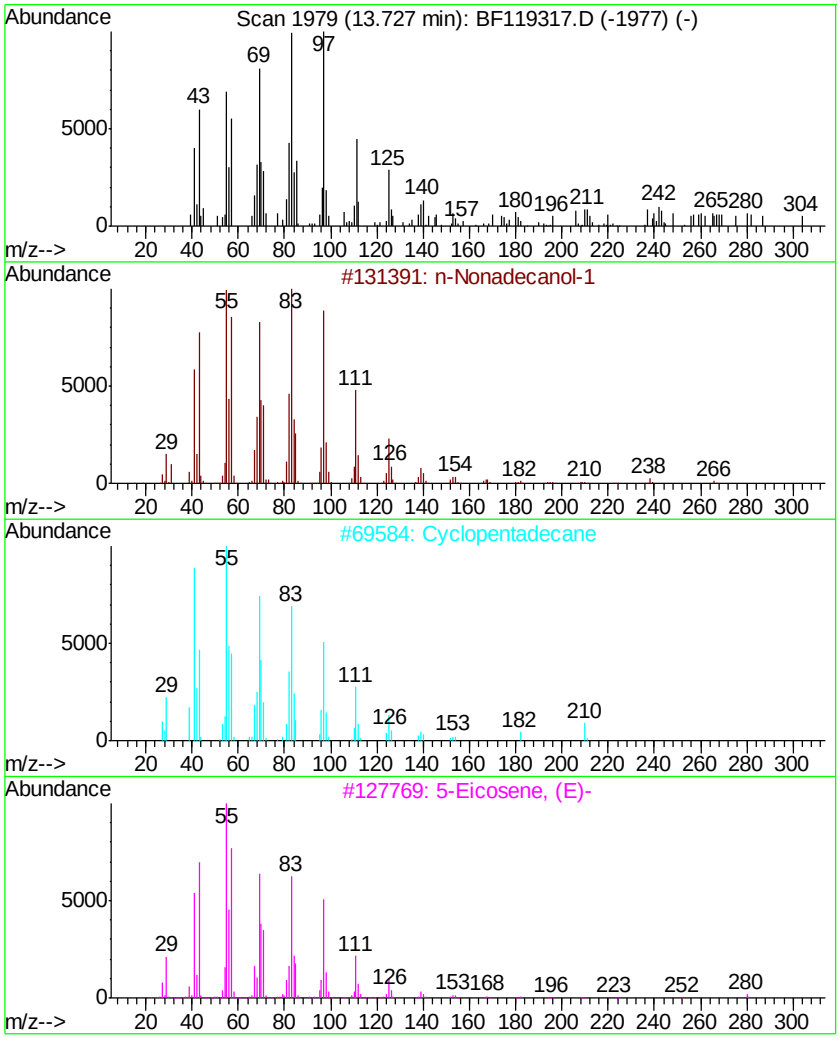
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

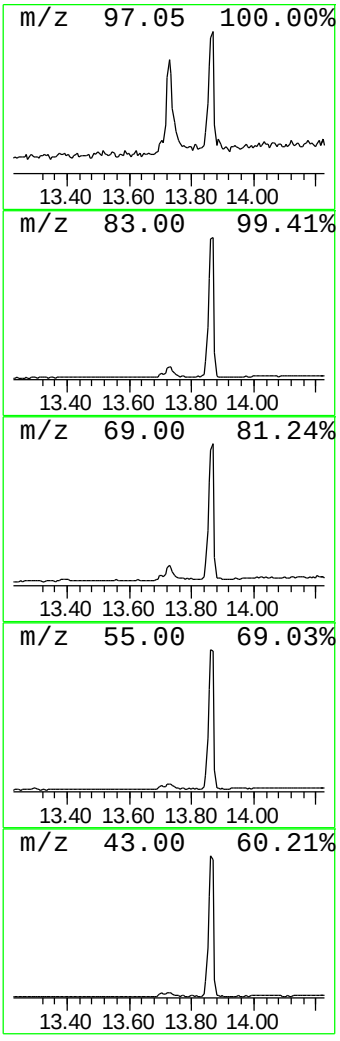
****

Peak Number 7 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.76 ng	197104	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
2	Cyclopentadecane	210	C15H30	000295-48-7	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	1-Eicosene	280	C20H40	003452-07-1	86





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : S2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

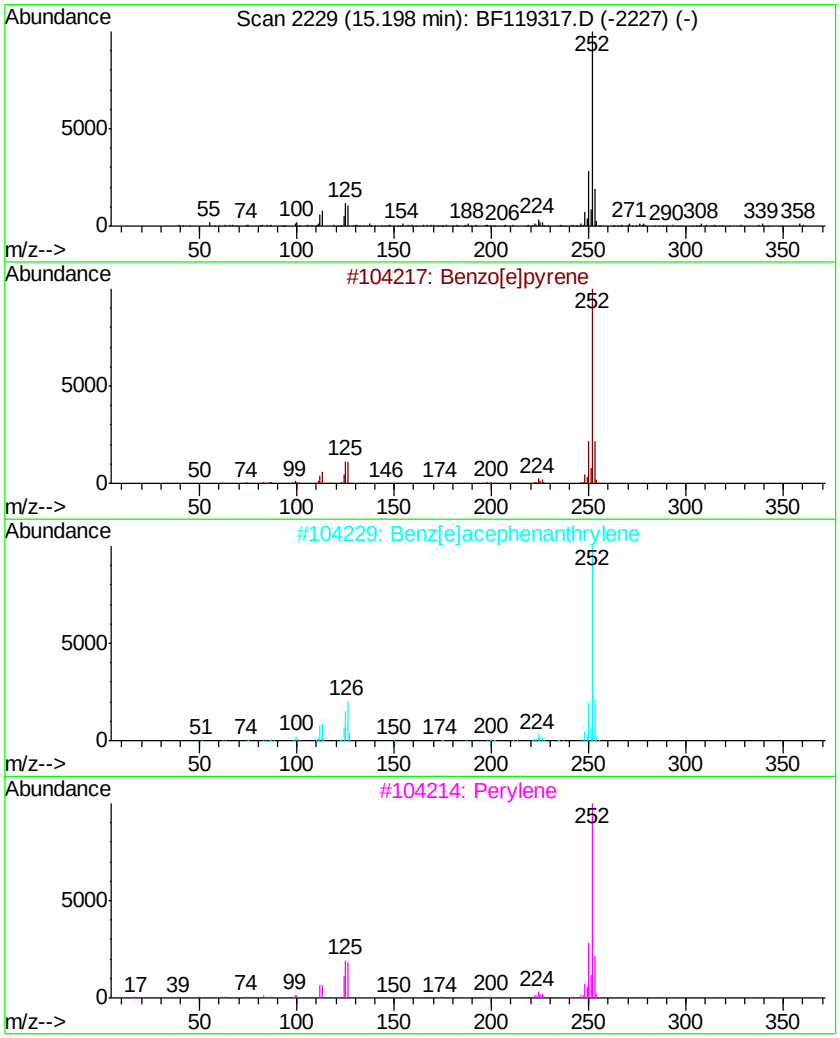
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

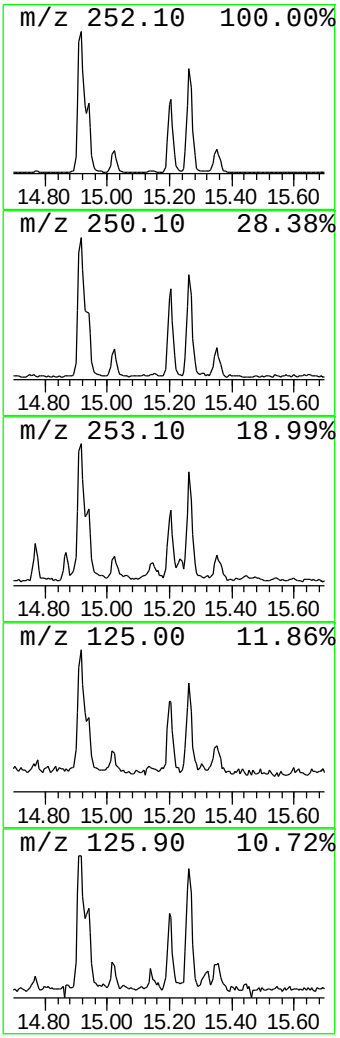
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.61 ng	101205	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031020\
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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
2-Pentanone, 4-hy...	4.92	3.6	ng	129669	1	6.72	716431	20.0
n-Hexadecanoic acid	11.77	4.8	ng	215997	4	11.24	902460	20.0
Octadecanoic acid	12.55	2.1	ng	93870	4	11.24	902460	20.0
Pyrene, 1-methyl-	13.02	2.9	ng	100612	5	13.89	684447	20.0
Phthalic acid, di...	13.70	4.3	ng	148699	5	13.89	684447	20.0
n-Nonadecanol-1	13.73	5.8	ng	197104	5	13.89	684447	20.0
Benzo[e]pyrene	15.20	2.6	ng	101205	6	15.32	774677	20.0