LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

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-BF061219.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	4.822	462	465	474	rBV	75961	93491	2.64%	0.320%
2	5.251	533	538	541	rBV	3067609	2814063	79.37%	9.628%
3	6.287	709	714	717	rBV	3205880	2917208	82.28%	9.981%
4	6.416	731	736	739	rBV	3210300	3145973	88.74%	10.764%
5	6.645	771	775	779	rBV	951580	767690	21.65%	2.627%
6	6.798	797	801	805	rBV	2764452	2560694	72.23%	8.761%
7	7.204	866	870	873	rBV	2168670	1894138	53.43%	6.481%
8	7.928	989	993	996	rBV	1088446	983459	27.74%	3.365%
9	9.004	1171	1176	1179	rBV	3854628	3545322	100.00%	12.130%
10	9.398	1239	1243	1246	rBV	581465	548780	15.48%	1.878%
11	9.675	1285	1290	1293	rBV	1182086	1104148	31.14%	3.778%
12	10.451	1419	1422	1433	rBV	1838440	1791141	50.52%	6.128%
13	11.145	1536	1540	1543	rBV	1137734	992021	27.98%	3.394%
14	11.169	1543	1544	1548	rVB	161712	91648	2.59%	0.314%
15	11.692	1631	1633	1636	rVB	65954	52781	1.49%	0.181%
16	11.757	1641	1644	1646	rBV	39775	38173	1.08%	0.131%
17	12.239	1721	1726	1727	rBV3	73443	76800	2.17%	0.263%
18	12.257	1727	1729	1737	rVB4	109993	136279	3.84%	0.466%
19	12.351	1742	1745	1751	rVB	299372	263722	7.44%	0.902%
20	12.574	1778	1783	1786	rBV	257910	246937	6.97%	0.845%
21	12.727	1805	1809	1812	rBV	2775013	2484400	70.08%	8.500%
22	12.904	1837	1839	1843	rVB2	44460	42593	1.20%	0.146%
23	13.651	1963	1966	1974	rBV5	74133	185311	5.23%	0.634%
24	13.769	1981	1986	1988	rBV2	796662	896504	25.29%	3.067%
25	13.792	1988	1990	1993	rVB	146610	118063	3.33%	0.404%
26	13.963	2016	2019	2020	rBV2	43335	42145	1.19%	0.144%
27	14.416	2093	2096	2098	rVB	77730	69151	1.95%	0.237%
28	14.557	2118	2120	2125	rVB3	85346	86794	2.45%	0.297%
29	14.763	2152	2155	2165	rVB	152813	301668	8.51%	1.032%
30	14.863	2169	2172	2175	rVB	124849	126095	3.56%	0.431%
31	15.033	2198	2201	2206	rVB	123206	133624	3.77%	0.457%
32	15.086	2207	2210	2213	rBV	119135	134210	3.79%	0.459%
33	15.145	2216	2220	2223	rVB	493588	542310	15.30%	1.855%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

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-BF061219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 29227336

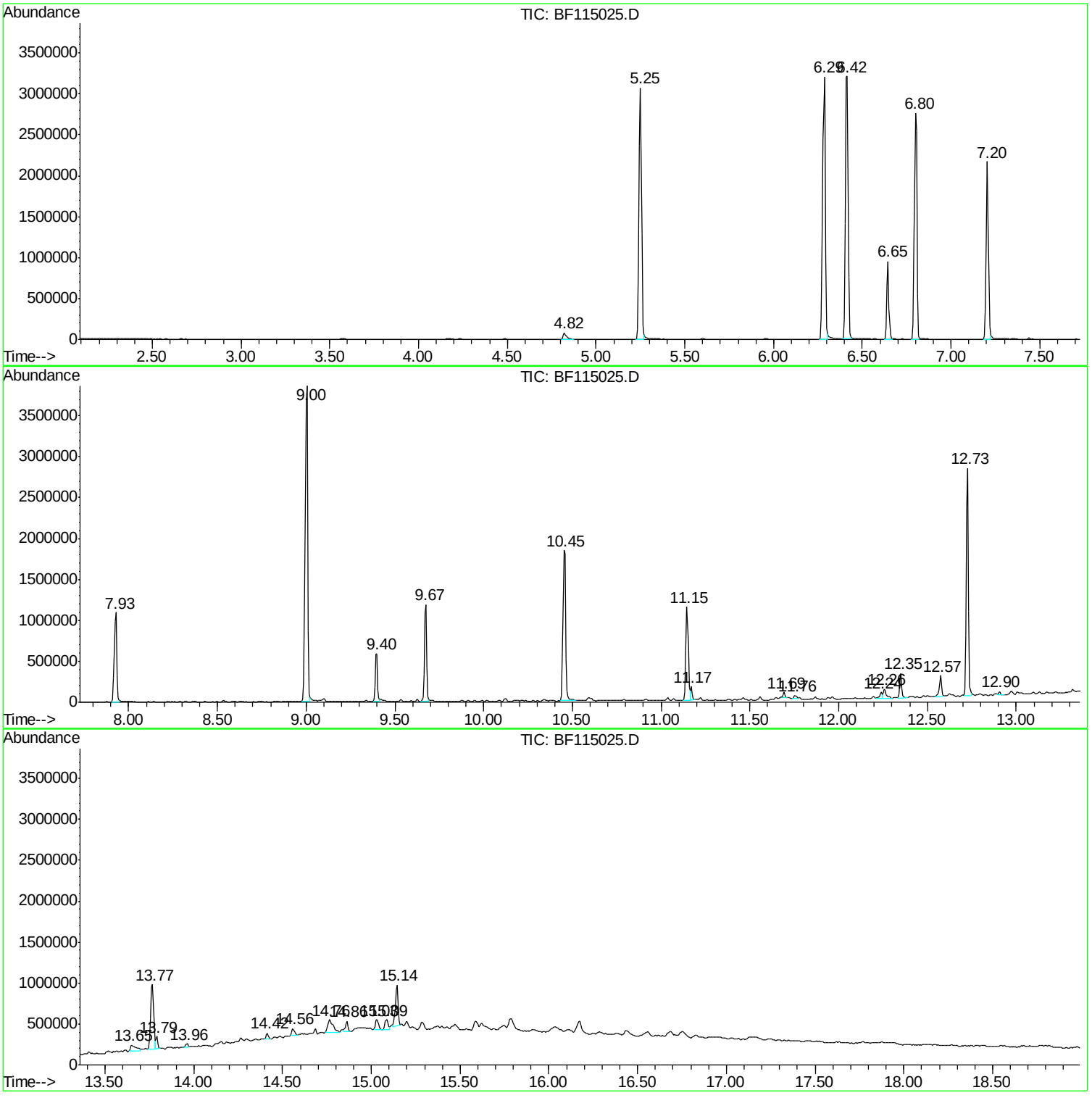
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

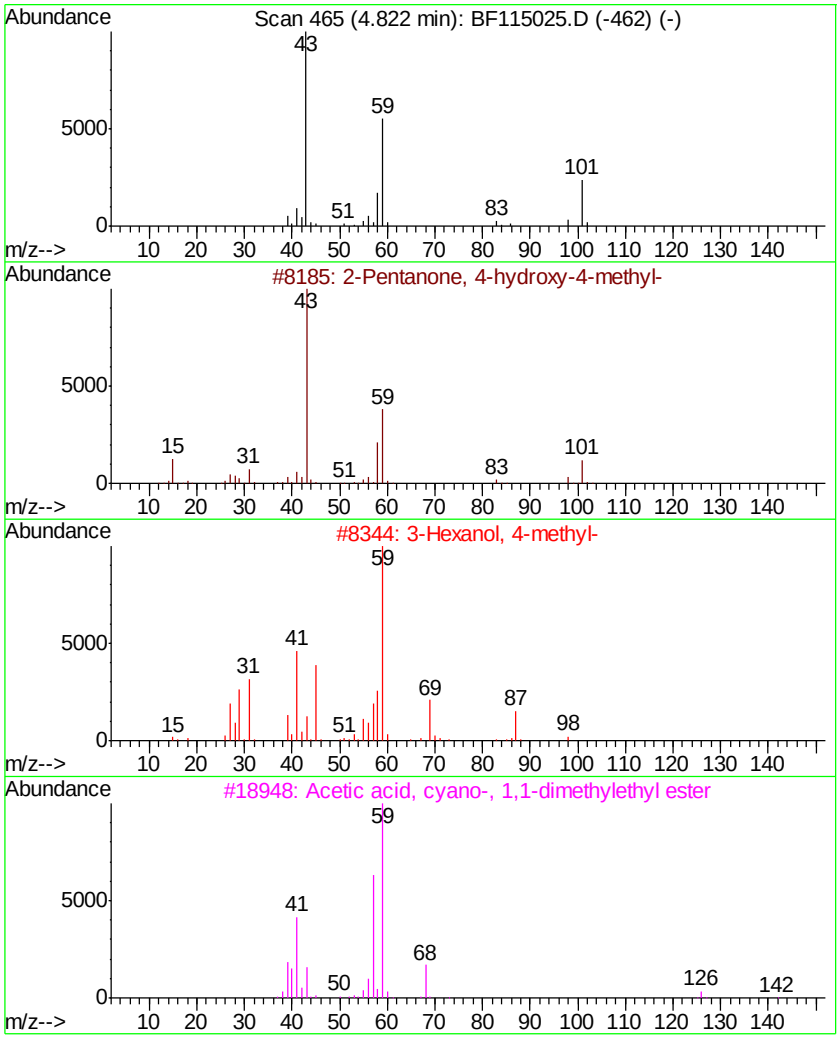
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

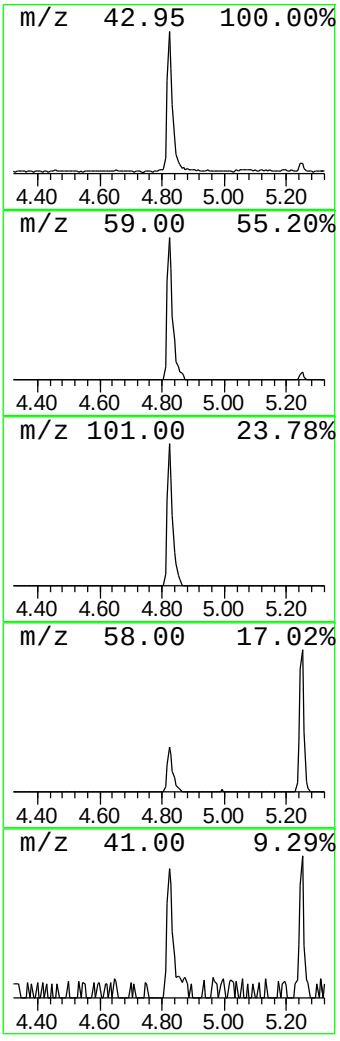
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	2.44 ng	93491	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

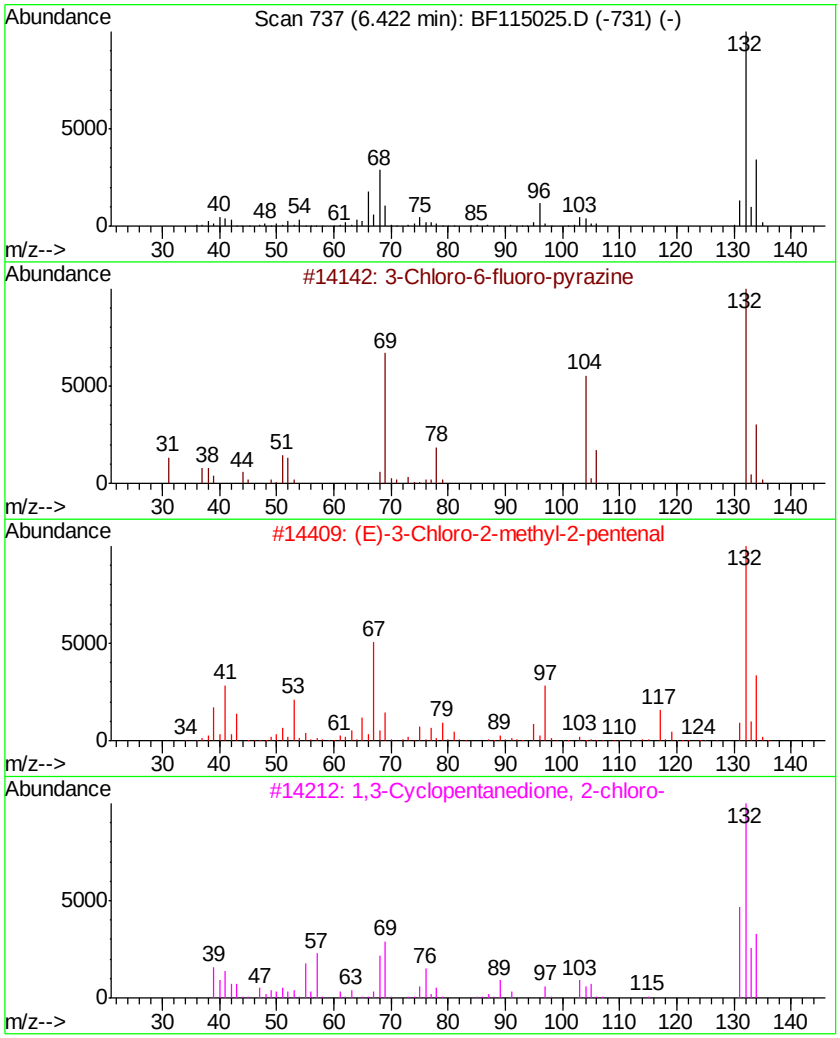
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

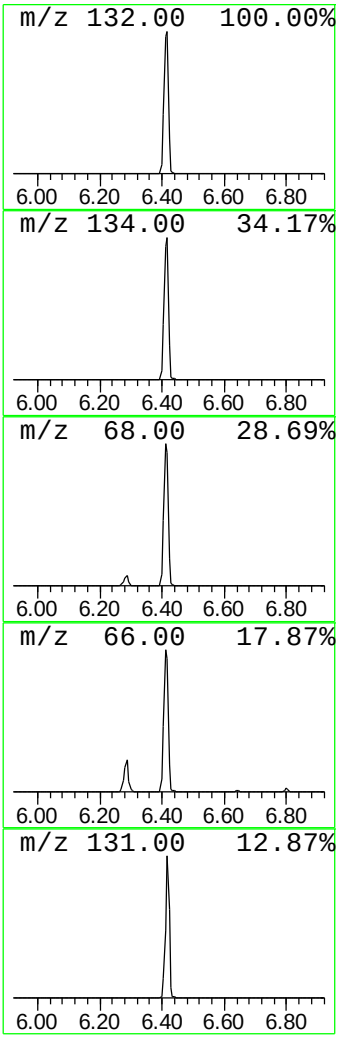
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	81.96 ng	3145970	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

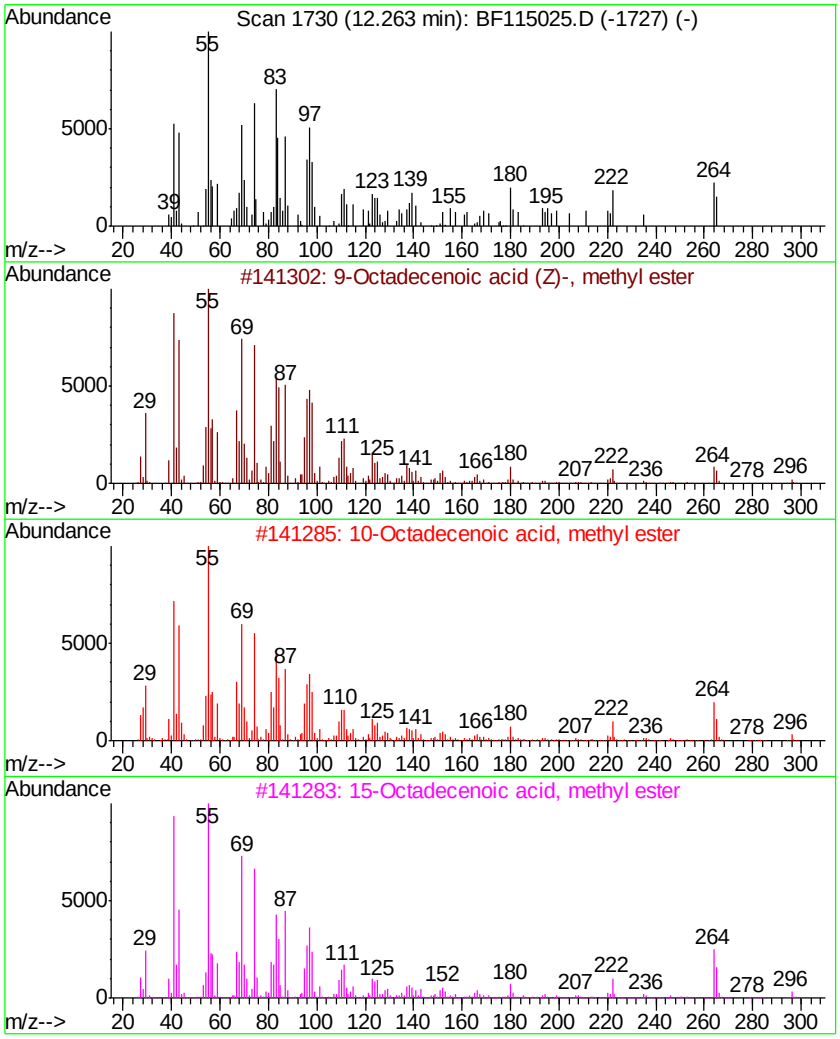
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

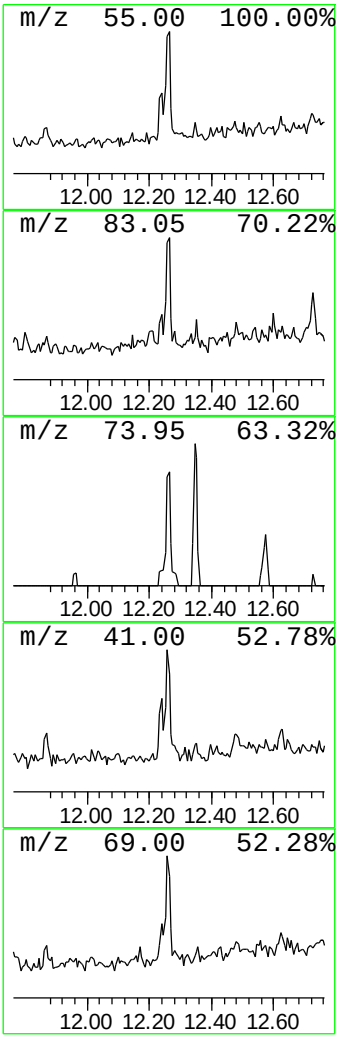
****

Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.75 ng	136279	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	83
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	80
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	72
5	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

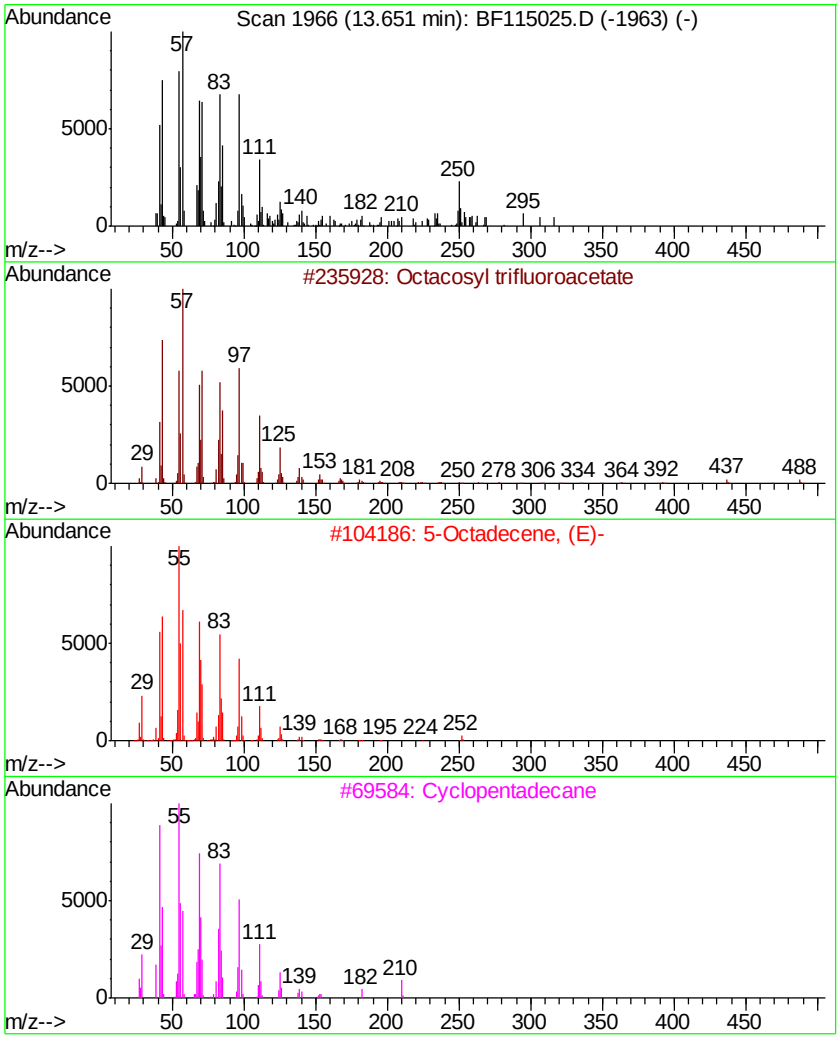
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

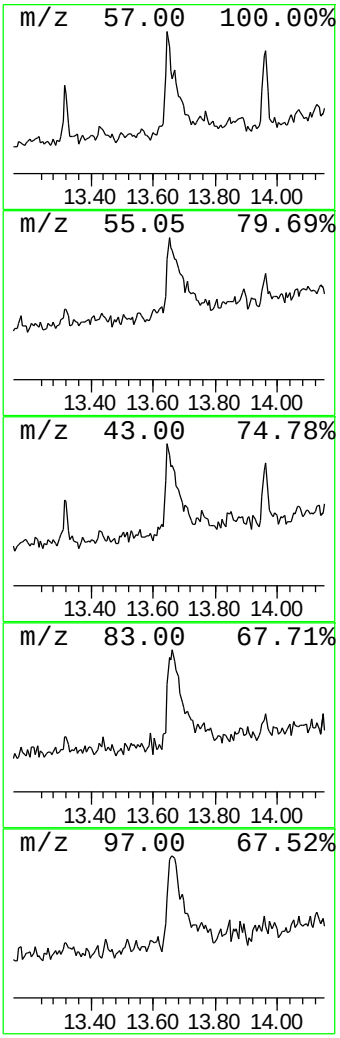
****

Peak Number 5 Octacosyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	4.13 ng	185311	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	83
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	78
3	Cyclopentadecane	210	C15H30	000295-48-7	70
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	68
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

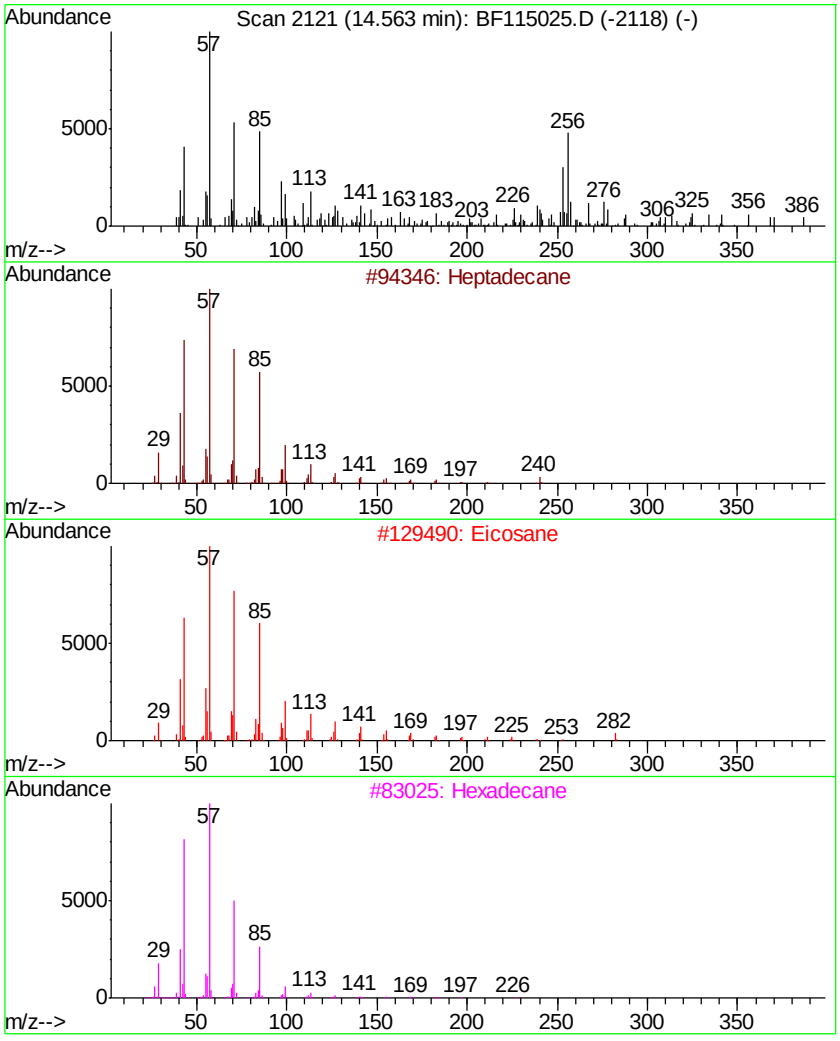
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

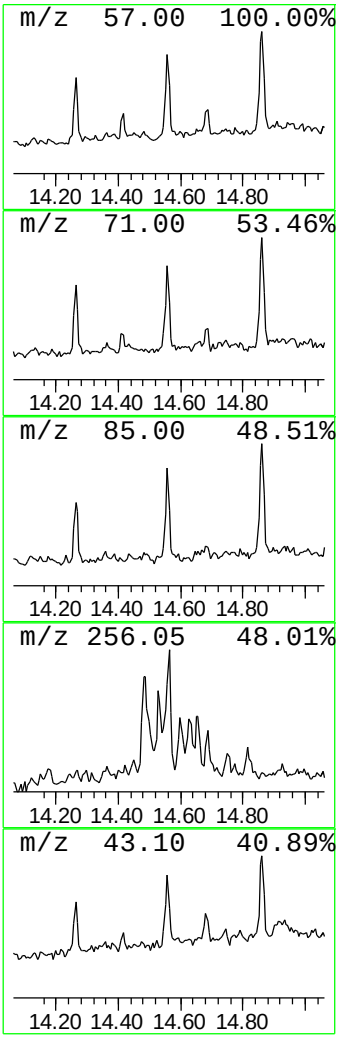
****

Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.20 ng	86794	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Eicosane	282	C20H42	000112-95-8	94
3	Hexadecane	226	C16H34	000544-76-3	94
4	Octadecane	254	C18H38	000593-45-3	89
5	Docosane	310	C22H46	000629-97-0	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

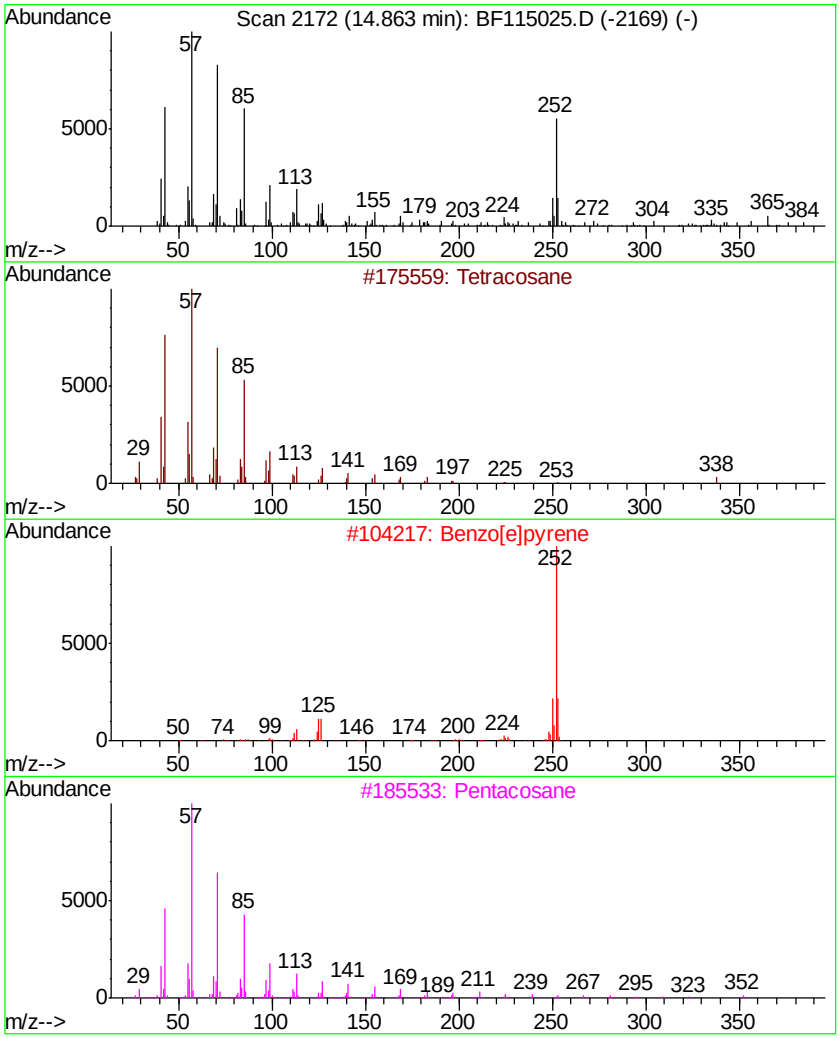
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

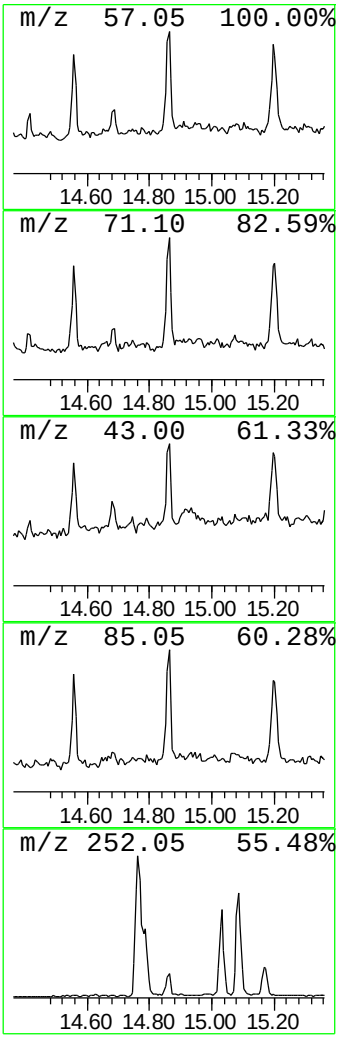
****

Peak Number 7 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.65 ng	126095	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	92
2	Benzo[e]pyrene	252	C20H12	000192-97-2	80
3	Pentacosane	352	C25H52	000629-99-2	58
4	2-methyloctacosane	408	C29H60	1000376-72-8	58
5	Heneicosane	296	C21H44	000629-94-7	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

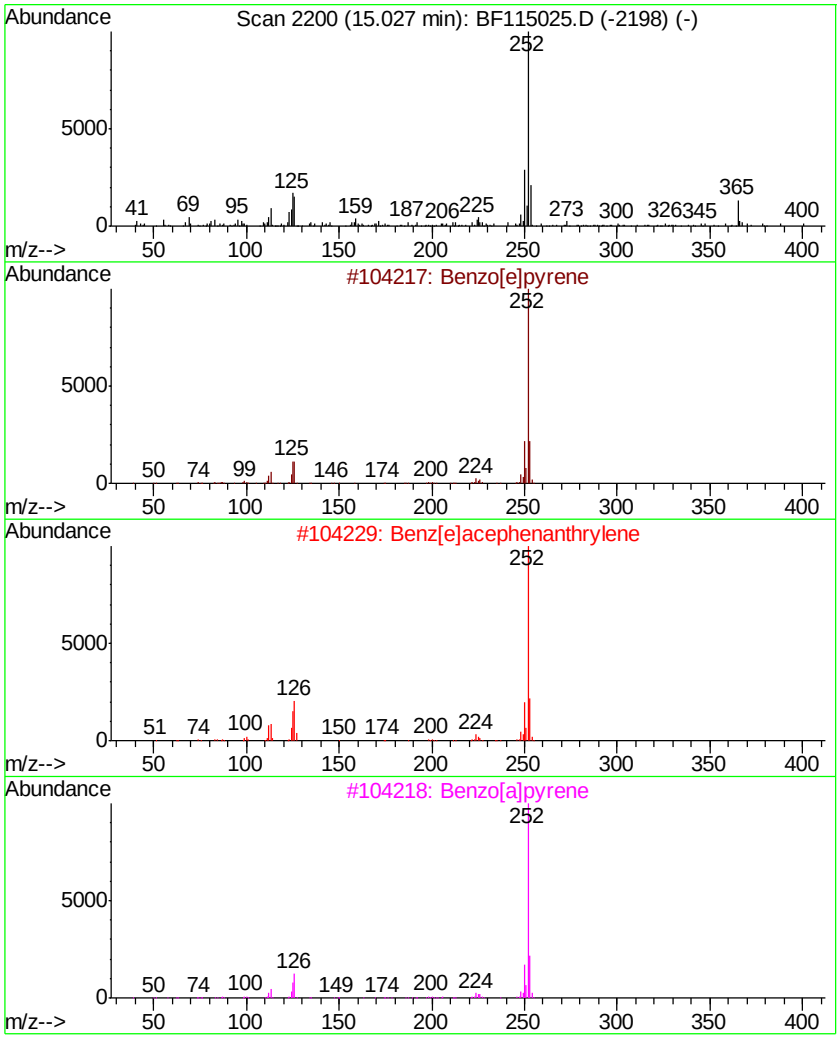
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

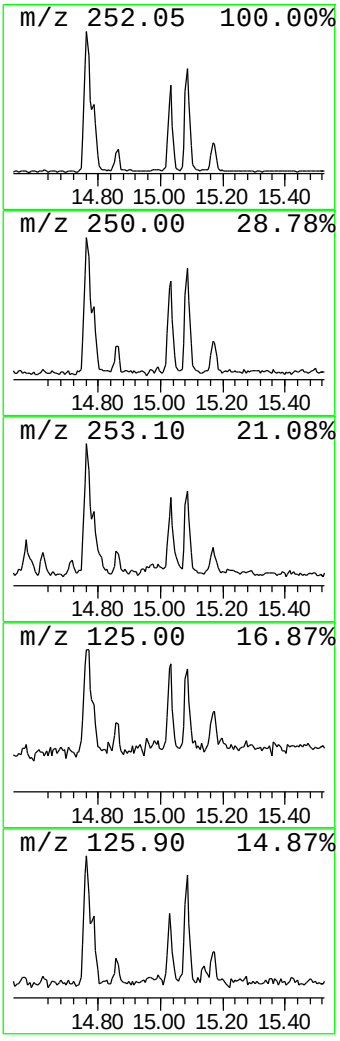
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	4.93 ng	133624	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	89
4	Perylene	252	C20H12	000198-55-0	86
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
Data File : BF115025.D
Acq On : 14 Jun 2019 1:50
Operator : HP/JU
Sample : K3156-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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
2-Pentanone, 4-hy...	4.82	2.4	ng	93491	1	6.65	767690	20.0
unknown6.42	6.42	82.0	ng	3145970	1	6.65	767690	20.0
9-Octadecenoic ac...	12.26	2.8	ng	136279	4	11.15	992021	20.0
Octacosyl trifluo...	13.65	4.1	ng	185311	5	13.77	896504	20.0
Heptadecane	14.56	3.2	ng	86794	6	15.14	542310	20.0
Tetracosane	14.86	4.7	ng	126095	6	15.14	542310	20.0
Benzo[e]pyrene	15.03	4.9	ng	133624	6	15.14	542310	20.0