LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

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-BF052820.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	1.940	7	9	16	rBV	41568	44125	1.14%	0.123%
2	2.069	25	31	36	rVB	966607	1216542	31.55%	3.396%
3	5.440	599	604	607	rBV	3260079	3097264	80.32%	8.646%
4	6.092	712	715	718	rBV	92044	78357	2.03%	0.219%
5	6.457	772	777	780	rBV	2910841	3134152	81.27%	8.749%
6	6.645	806	809	813	rBV	66553	58205	1.51%	0.162%
7	6.816	834	838	842	rBV	1287601	1035856	26.86%	2.892%
8	6.975	860	865	868	rBV	3320968	2879679	74.67%	8.039%
9	7.381	928	934	937	rBV	2317664	2183644	56.62%	6.096%
10	8.098	1052	1056	1060	rBV	1500134	1285864	33.34%	3.590%
11	9.175	1234	1239	1242	rBV	4235312	3856334	100.00%	10.765%
12	9.569	1302	1306	1309	rVB	574717	462115	11.98%	1.290%
13	9.716	1327	1331	1334	rBV	34098	45575	1.18%	0.127%
14	9.769	1334	1340	1345	rVB4	33220	71625	1.86%	0.200%
15	9.851	1351	1354	1357	rVB	1541888	1288917	33.42%	3.598%
16	9.886	1357	1360	1363	rVB	46084	42530	1.10%	0.119%
17	10.057	1384	1389	1393	rBV	55141	50518	1.31%	0.141%
18	10.398	1444	1447	1451	rBV	64529	55371	1.44%	0.155%
19	10.645	1484	1489	1492	rBV	2045650	2003252	51.95%	5.592%
20	10.763	1506	1509	1512	rBV3	40028	50654	1.31%	0.141%
21	11.004	1546	1550	1553	rBV5	42582	57220	1.48%	0.160%
22	11.204	1581	1584	1586	rBV	47892	47535	1.23%	0.133%
23	11.339	1603	1607	1609	rBV	1396313	1139174	29.54%	3.180%
24	11.363	1609	1611	1614	rVB	536266	400429	10.38%	1.118%
25	11.410	1617	1619	1622	rVB	103018	87675	2.27%	0.245%
26	11.839	1690	1692	1694	rBV2	58960	49920	1.29%	0.139%
27	11.869	1694	1697	1702	rVB3	445745	427982	11.10%	1.195%
28	11.951	1709	1711	1714	rVB	116929	90711	2.35%	0.253%
29	12.386	1782	1785	1789	rBV2	240996	229261	5.95%	0.640%
30	12.551	1810	1813	1816	rVB	867621	692970	17.97%	1.934%
31	12.651	1827	1830	1834	rBV3	59388	63867	1.66%	0.178%
32	12.780	1847	1852	1855	rBV	683676	627689	16.28%	1.752%
33	12.927	1873	1877	1880	rVB	3237514	2815292	73.00%	7.859%
34	13.110	1906	1908	1910	rVB	121930	90411	2.34%	0.252%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.616	1991	1994	1999	rVB	206044	190354	4.94%	0.531%
36	13.821	2026	2029	2035	rVB	725873	745231	19.32%	2.080%
37	13.980	2050	2056	2058	rBV2	1175357	1445830	37.49%	4.036%
38	14.004	2058	2060	2063	rVB	385082	286866	7.44%	0.801%
39	14.080	2071	2073	2077	rVB	82053	72939	1.89%	0.204%
40	14.457	2133	2137	2141	rBV2	291538	389624	10.10%	1.088%
41	15.010	2227	2231	2234	rBV	328601	492162	12.76%	1.374%
42	15.080	2240	2243	2246	rBV	392283	448528	11.63%	1.252%
43	15.110	2246	2248	2253	rVB	241339	286930	7.44%	0.801%
44	15.304	2279	2281	2288	rVB	194066	225106	5.84%	0.628%
45	15.362	2288	2291	2295	rBV	249324	311843	8.09%	0.871%
46	15.427	2298	2302	2305	rBV	763940	879288	22.80%	2.455%
47	15.939	2386	2389	2399	rVB3	166431	287031	7.44%	0.801%

Sum of corrected areas: 35822447

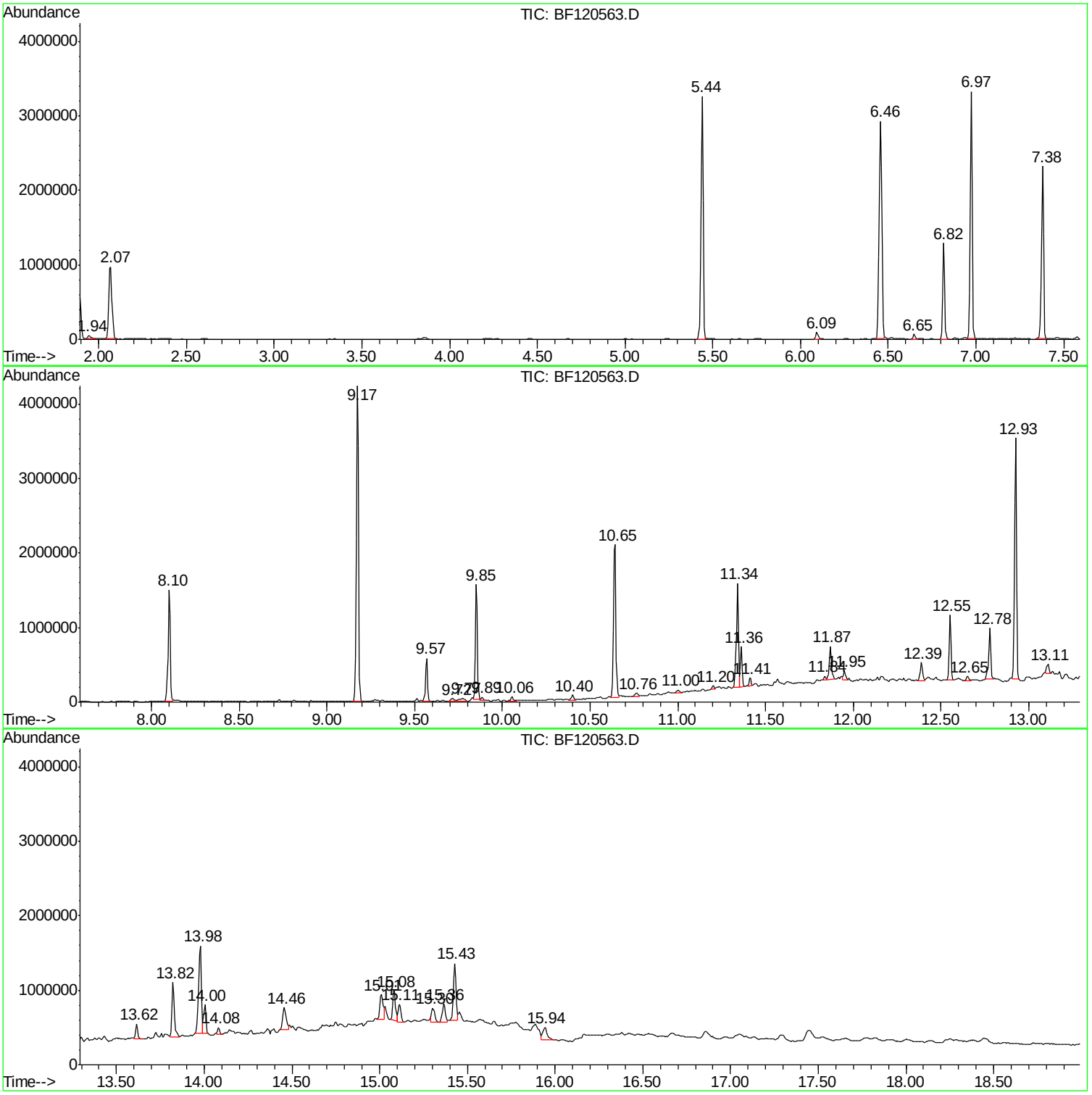
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

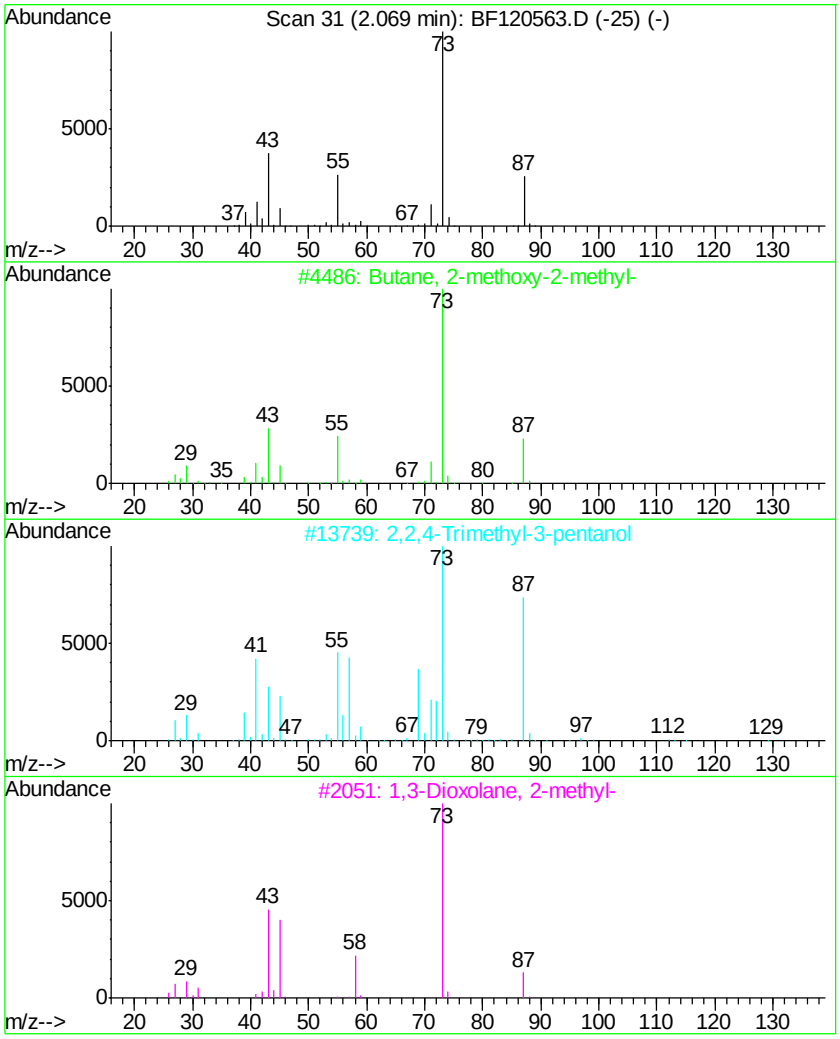
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

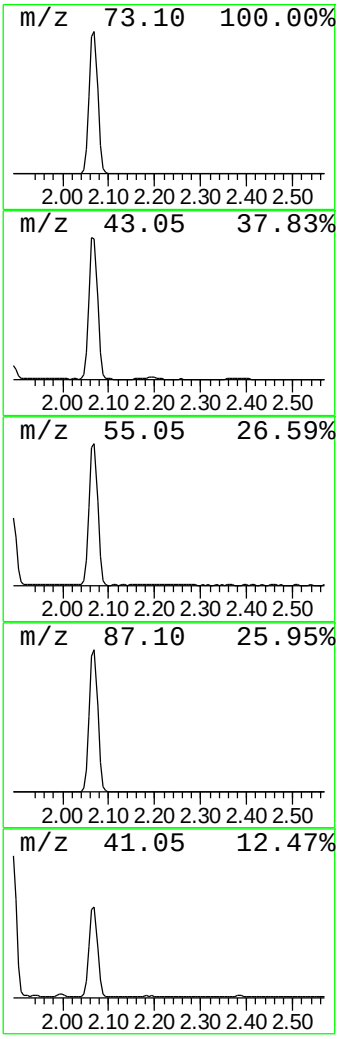
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	23.49 ng	1216540	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

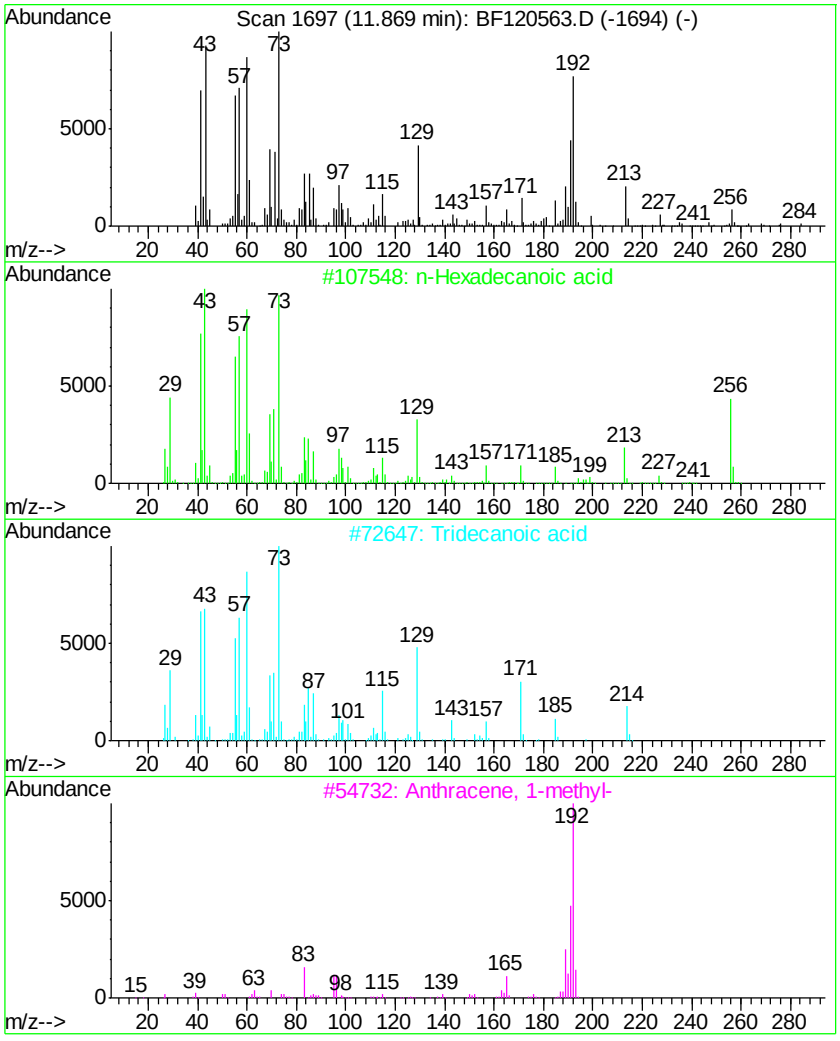
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

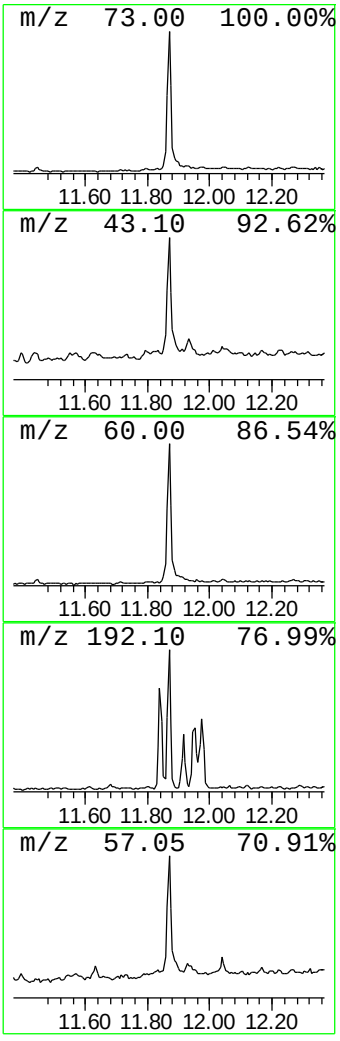
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	7.51 ng	427982	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

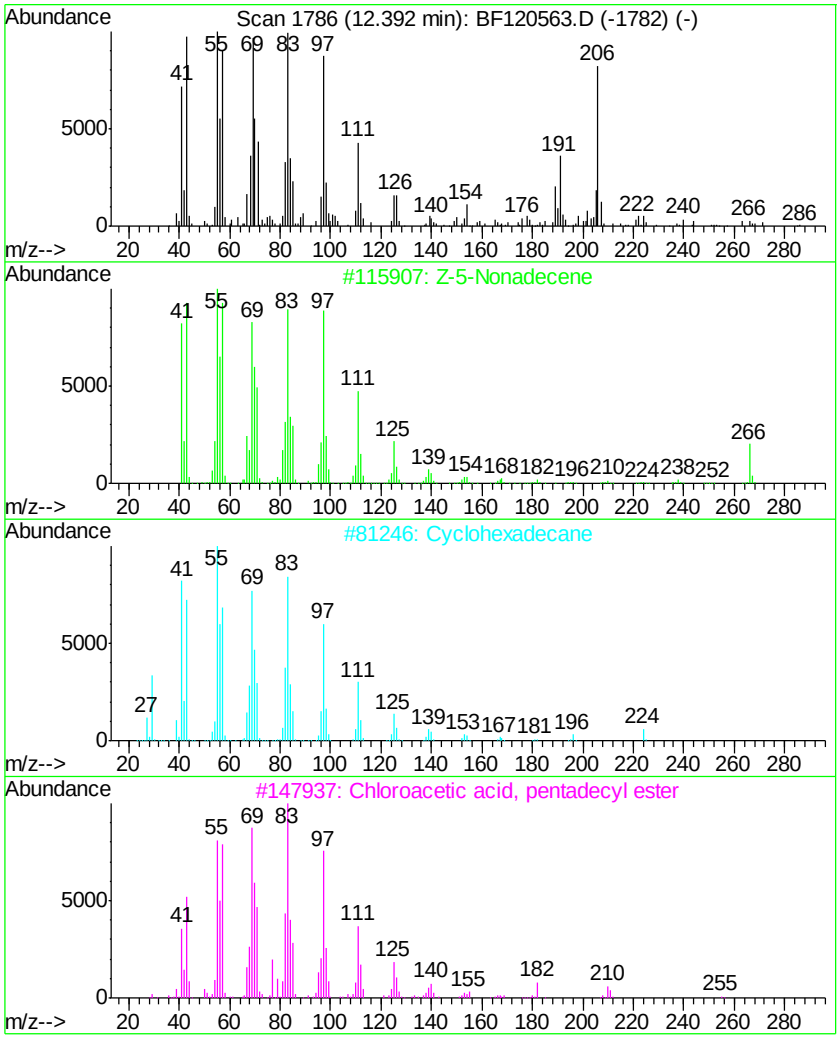
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

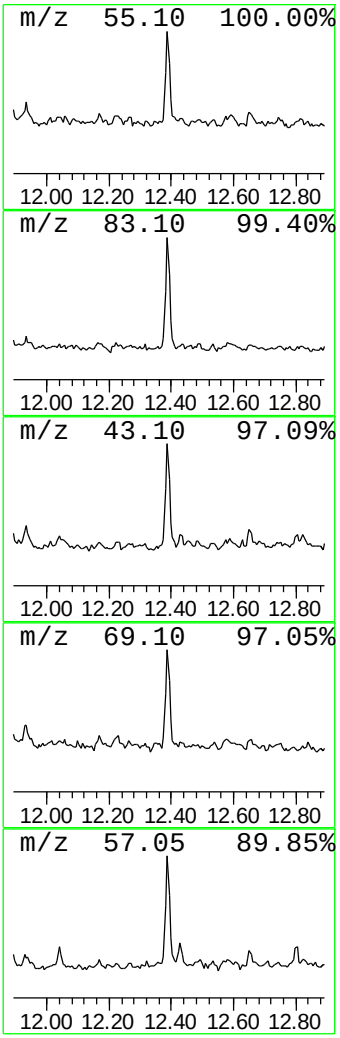
****

Peak Number 4 Z-5-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.03 ng	229261	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

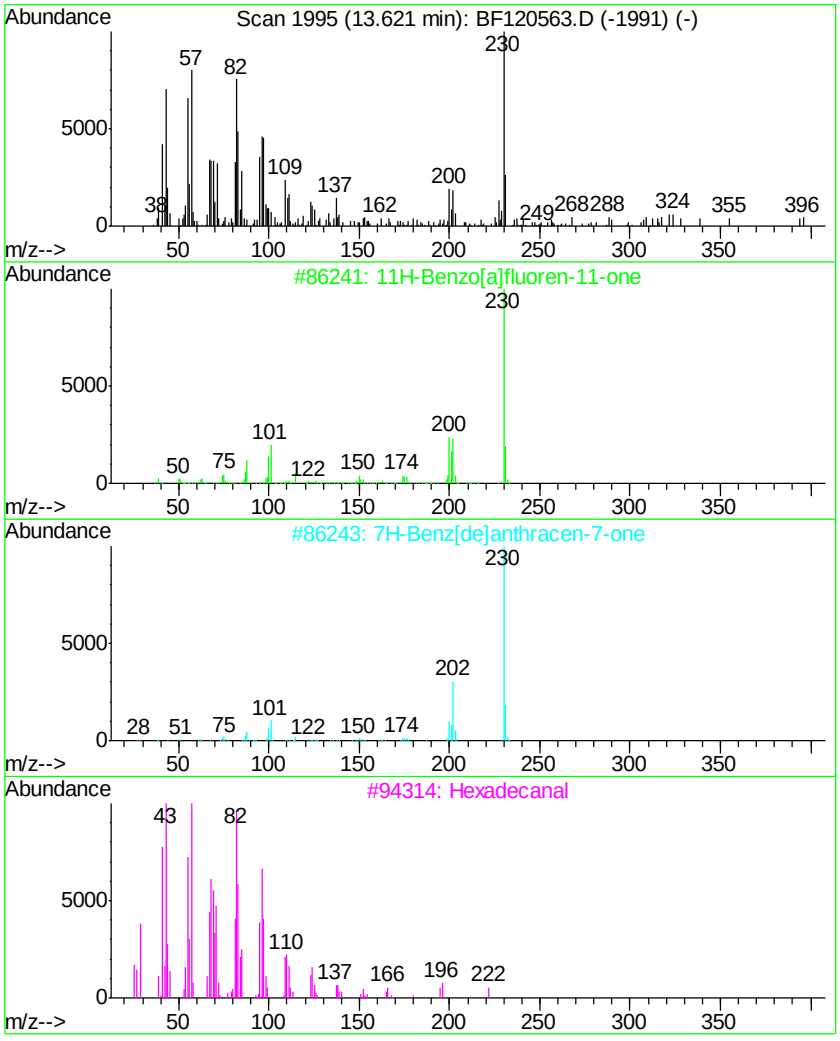
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

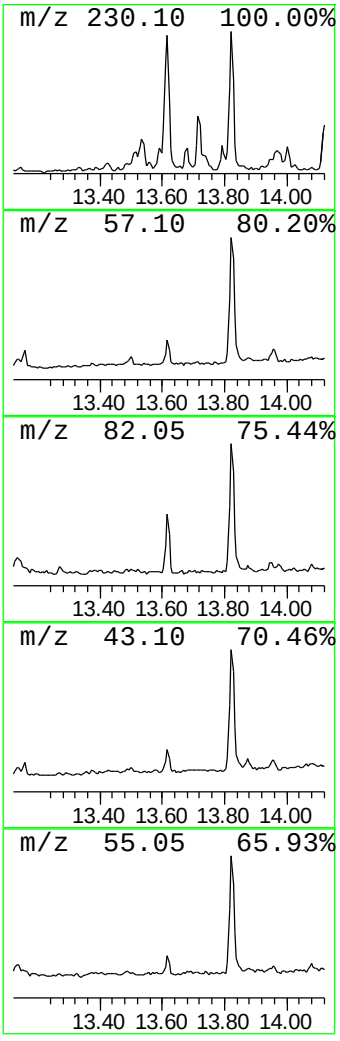
****

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.63 ng	190354	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	50
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46
3	Hexadecanal	240	C16H32O	000629-80-1	42
4	Octadecanal	268	C18H36O	000638-66-4	38
5	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

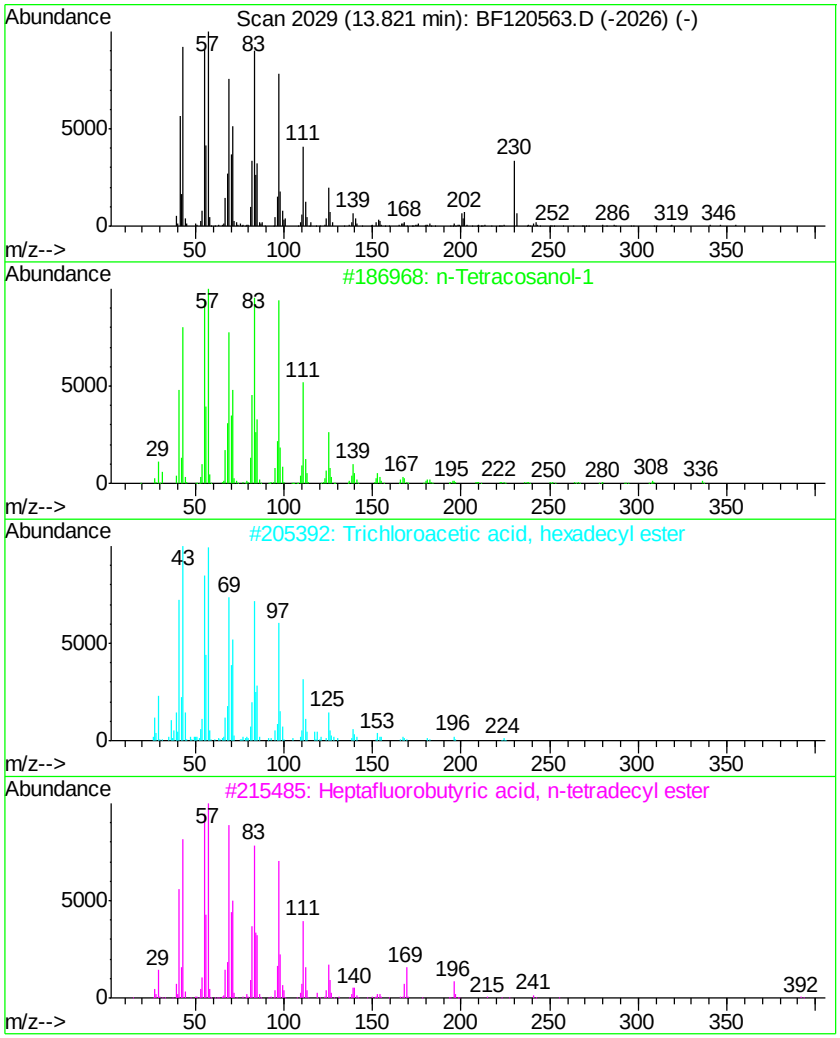
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

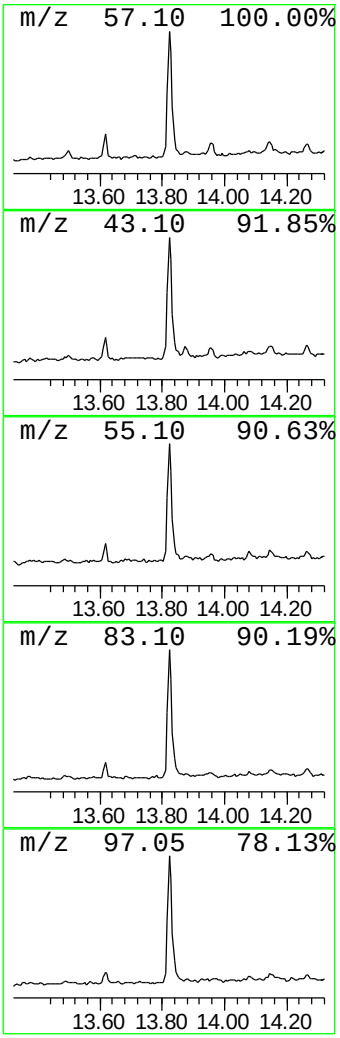
****

Peak Number 6 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	10.31 ng	745231	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

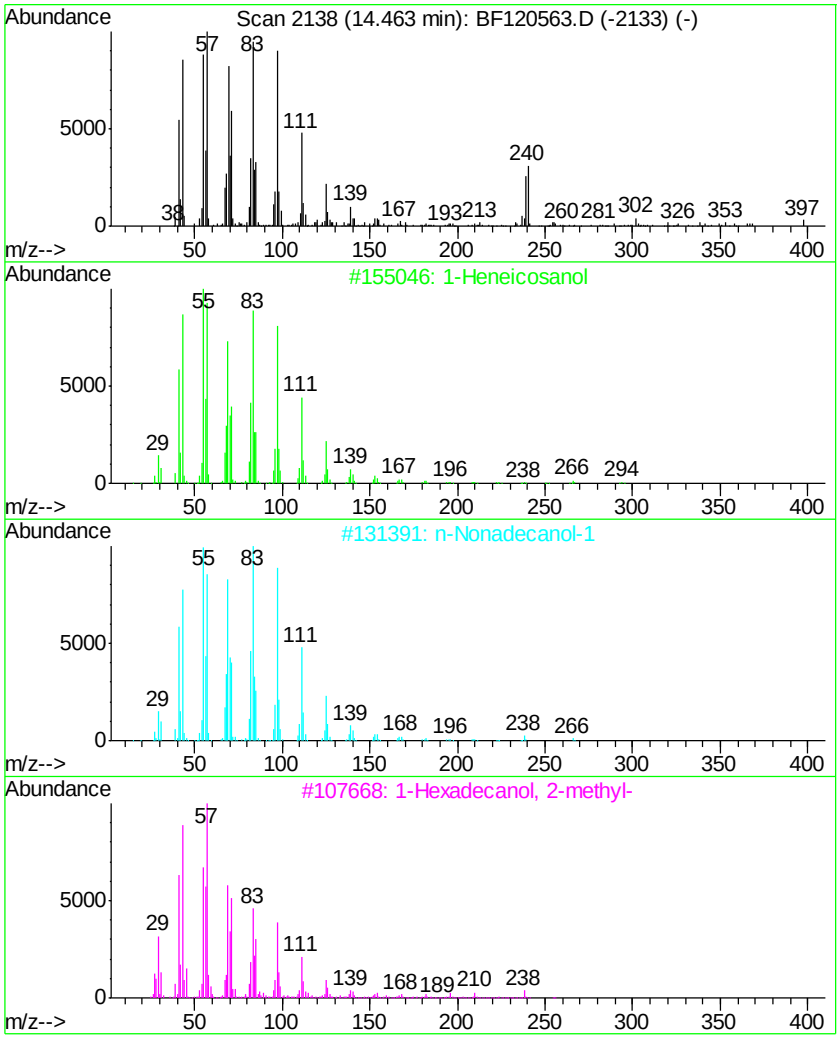
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

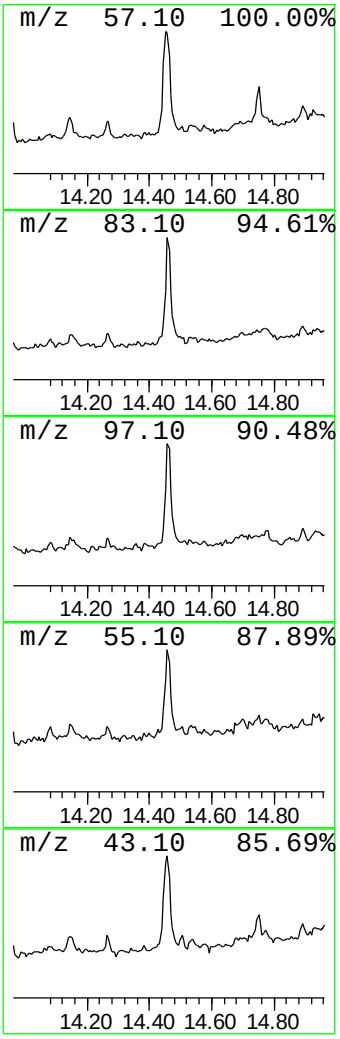
****

Peak Number 7 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	5.39 ng	389624	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	92
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	92
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	83
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	80
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

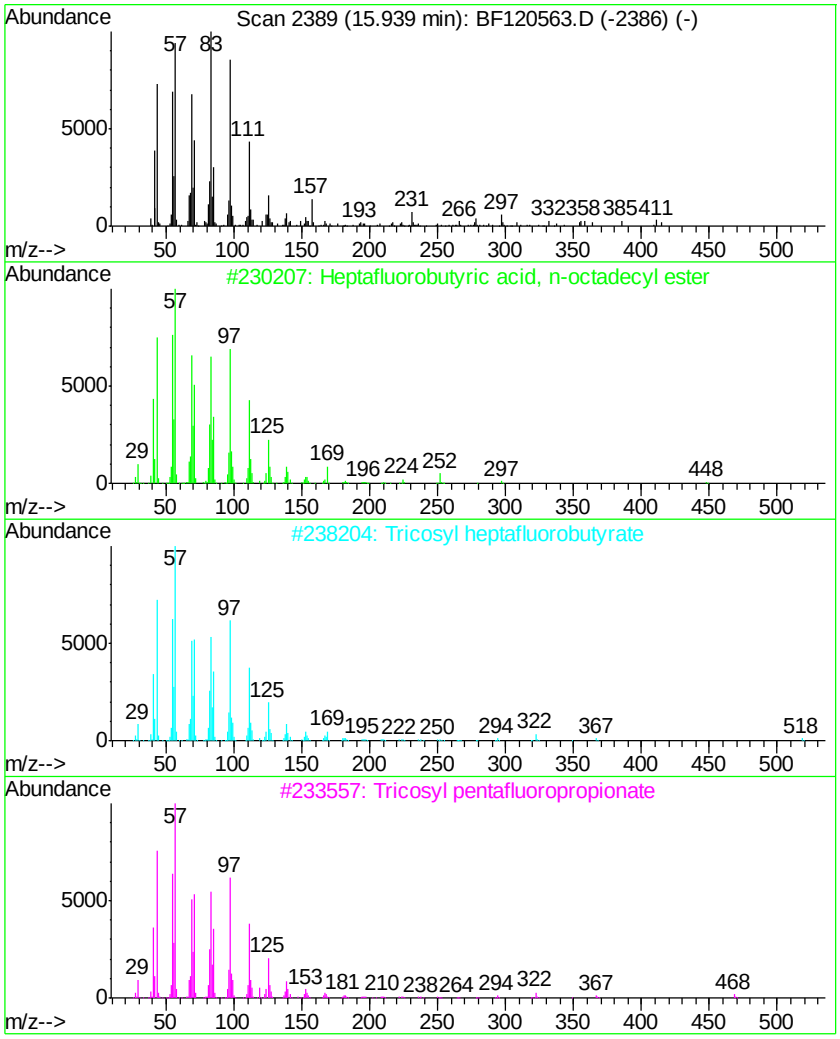
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

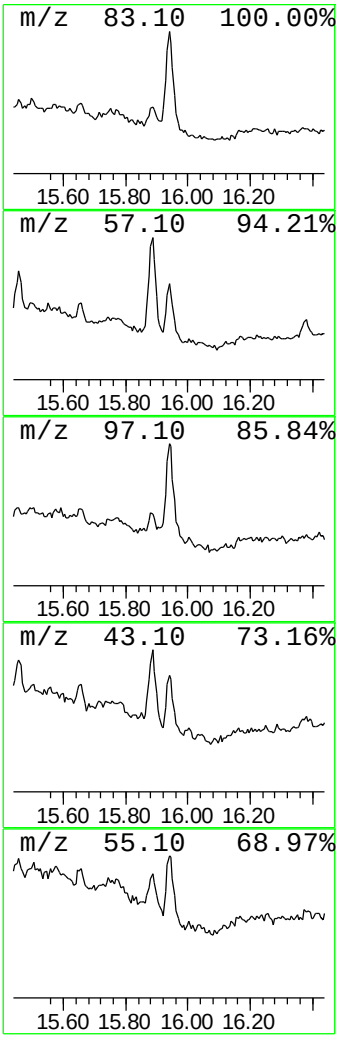
****

Peak Number 10 Heptafluorobutyric acid, n-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	6.53 ng	287031	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	55
2	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	53
3	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	53
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	53
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060520\
Data File : BF120563.D
Acq On : 5 Jun 2020 16:54
Operator : JU/CG
Sample : L2890-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26572-25062-251686

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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...	2.07	23.5	ng	1216540	1	6.82	1035860	20.0
n-Hexadecanoic acid	11.87	7.5	ng	427982	4	11.34	1139170	20.0
Z-5-Nonadecene	12.39	4.0	ng	229261	4	11.34	1139170	20.0
11H-Benzo[a]fluor...	13.62	2.6	ng	190354	5	13.98	1445830	20.0
n-Tetracosanol-1	13.82	10.3	ng	745231	5	13.98	1445830	20.0
1-Heneicosanol	14.46	5.4	ng	389624	5	13.98	1445830	20.0
Heptafluorobutyri...	15.94	6.5	ng	287031	6	15.43	879288	20.0