LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107921.D
Acq On : 2 Aug 2018 20:39
Operator : JU/SJ
Sample : J4285-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-PIT-2

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-BF073018.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	5.190	481	485	500	rBV	279002	412783	13.45%	1.822%
2	5.601	551	555	580	rBV	884135	2110446	68.77%	9.318%
3	6.601	722	725	743	rBV	973808	2191130	71.40%	9.674%
4	6.731	743	747	782	rVV	1730777	3068940	100.00%	13.550%
5	6.954	782	785	807	rVV	335271	827461	26.96%	3.653%
6	7.107	807	811	841	rVB	1514382	2044443	66.62%	9.026%
7	7.525	878	882	904	rBV	580608	1403453	45.73%	6.196%
8	8.236	999	1003	1032	rBV	507719	910656	29.67%	4.021%
9	9.307	1181	1185	1214	rBV	1732169	2313129	75.37%	10.213%
10	9.701	1248	1252	1266	rBV	203510	251067	8.18%	1.108%
11	9.995	1298	1302	1314	rBV	616591	756720	24.66%	3.341%
12	10.789	1433	1437	1462	rBV	756148	1256803	40.95%	5.549%
13	11.489	1552	1556	1575	rBV	424186	707954	23.07%	3.126%
14	11.995	1638	1642	1647	rBV3	37809	56432	1.84%	0.249%
15	13.071	1821	1825	1843	rBV	1774090	2123175	69.18%	9.374%
16	13.271	1856	1859	1862	rBV2	32912	33027	1.08%	0.146%
17	13.618	1915	1918	1921	rBV	51088	50473	1.64%	0.223%
18	13.948	1970	1974	1981	rBV	148580	213739	6.96%	0.944%
19	14.142	2003	2007	2018	rBV	630037	971149	31.64%	4.288%
20	14.260	2025	2027	2033	rBV	74439	71121	2.32%	0.314%
21	14.566	2076	2079	2083	rBV	83169	94074	3.07%	0.415%
22	14.883	2130	2133	2138	rBV	75445	82215	2.68%	0.363%
23	15.236	2190	2193	2196	rBV	61922	70365	2.29%	0.311%
24	15.677	2263	2268	2277	rBV	302562	569928	18.57%	2.516%
25	16.089	2335	2338	2344	rVB2	44464	59118	1.93%	0.261%

Sum of corrected areas: 22649801

LSC Report - Integrated Chromatogram

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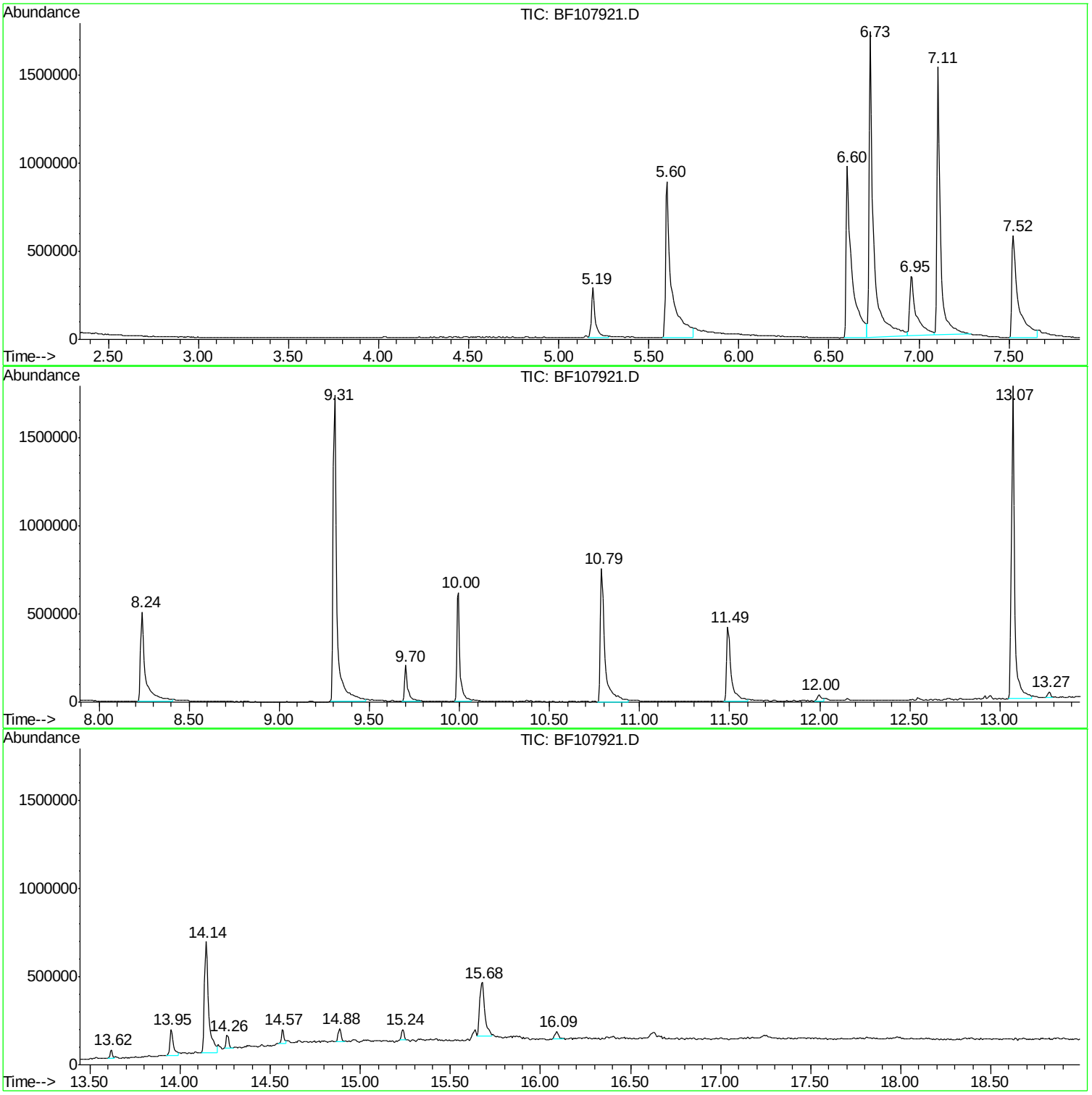
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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

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Operator : JU/SJ
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Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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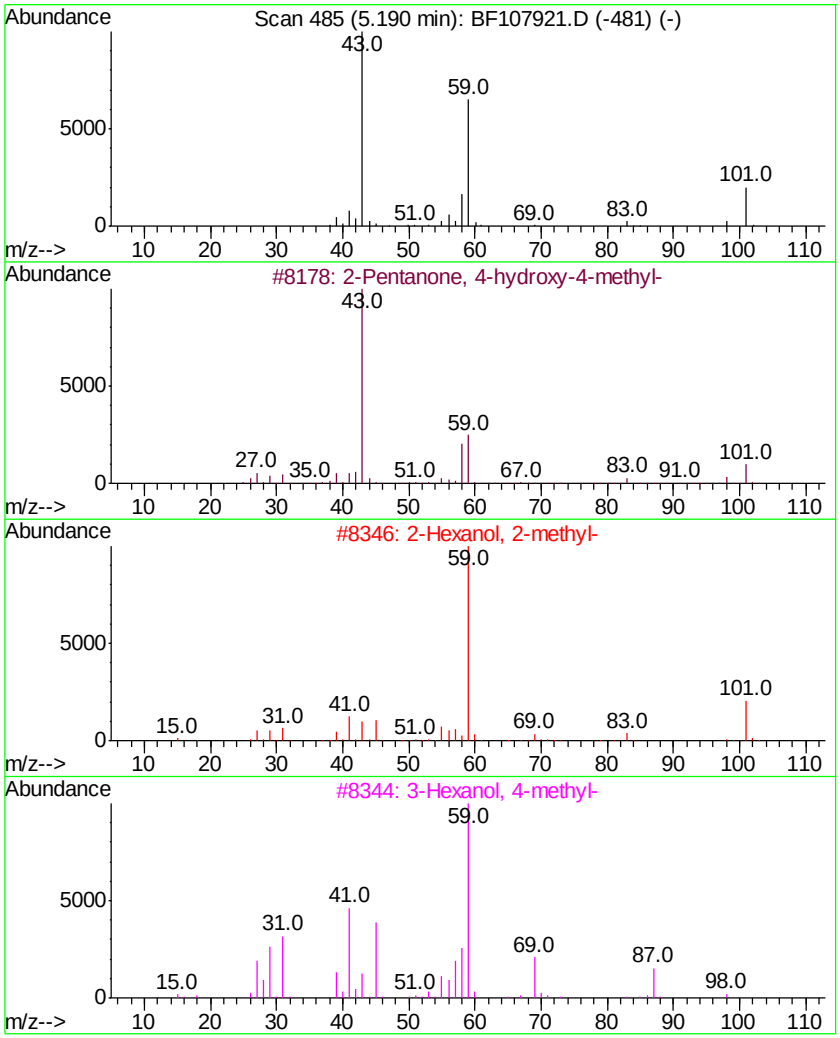
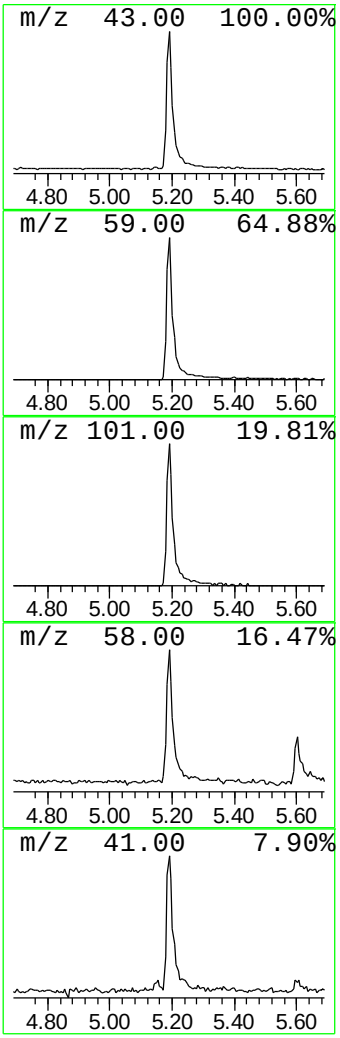
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	9.98 ng	412783	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





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Sample : J4285-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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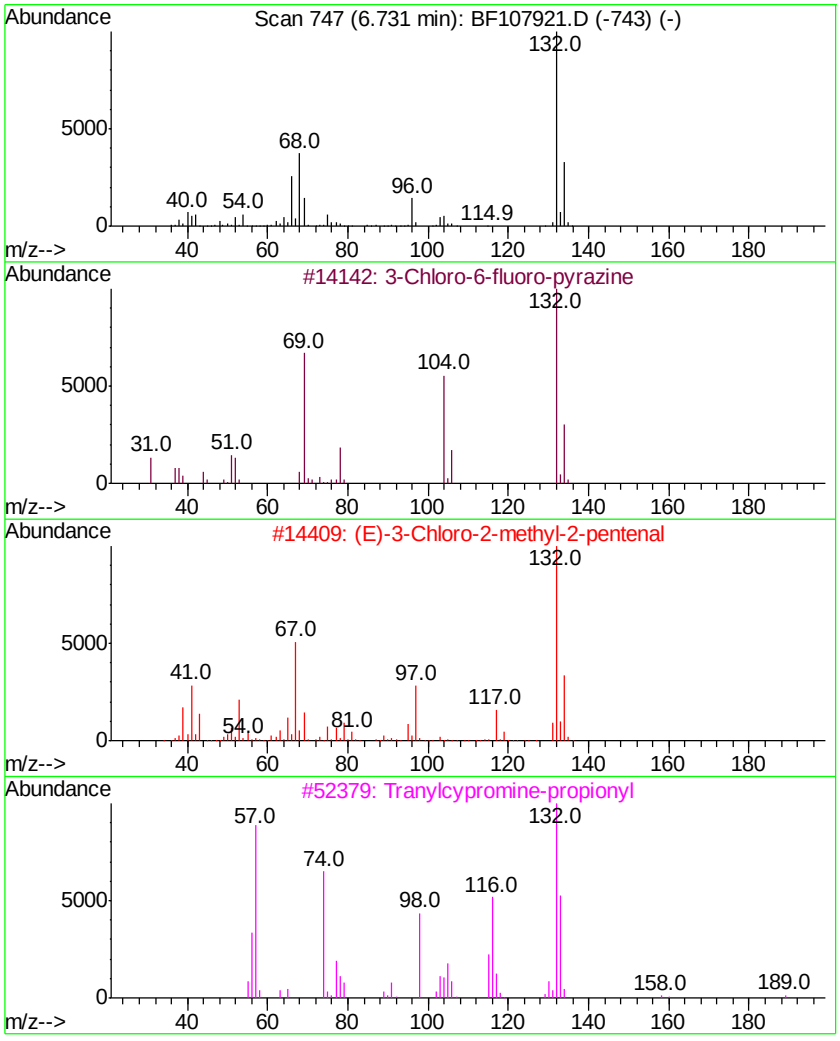
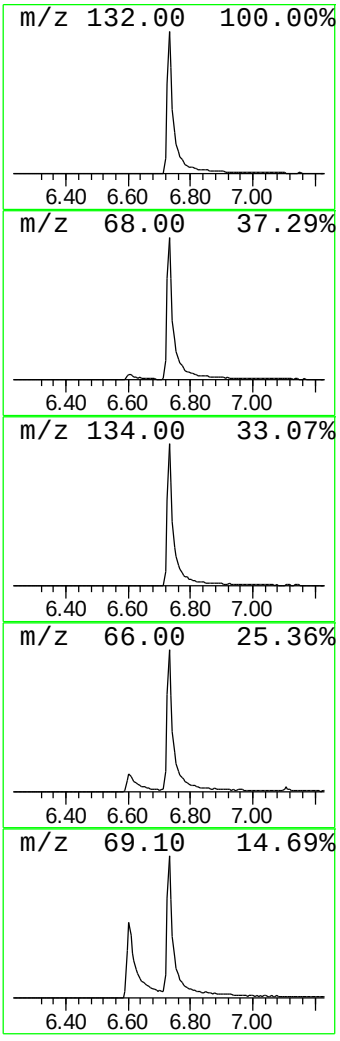
Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	74.18 ng	3068940	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Sample : J4285-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-PIT-2

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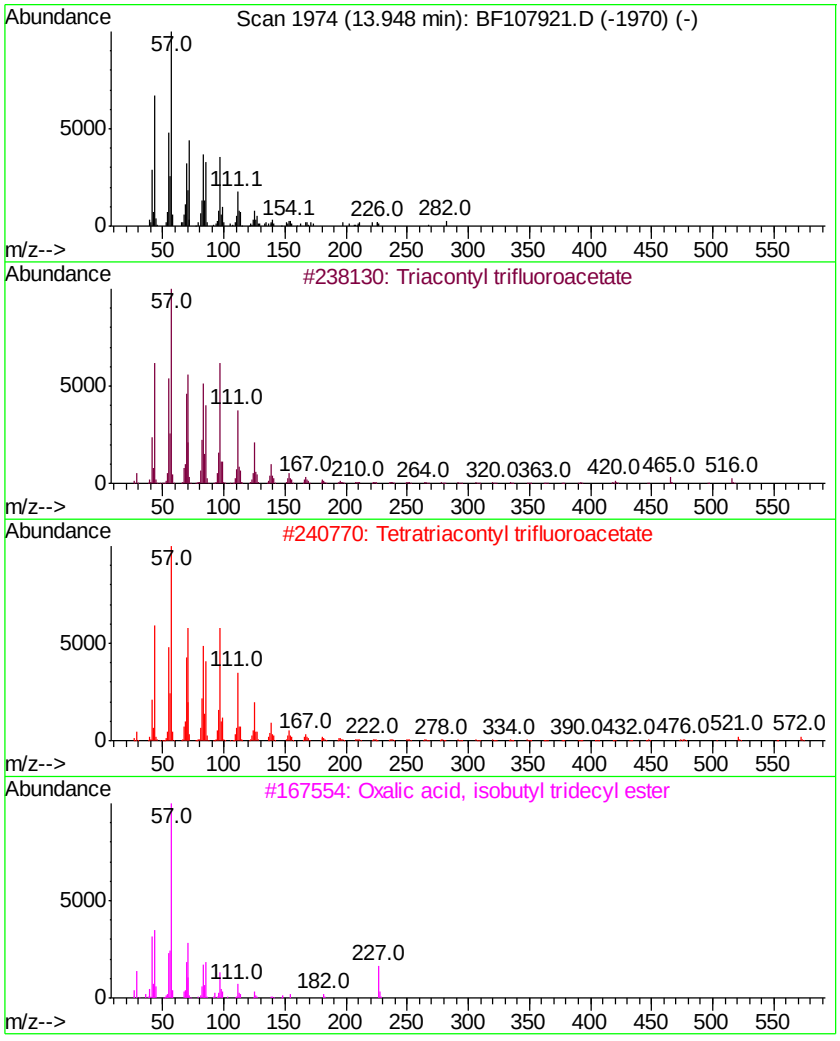
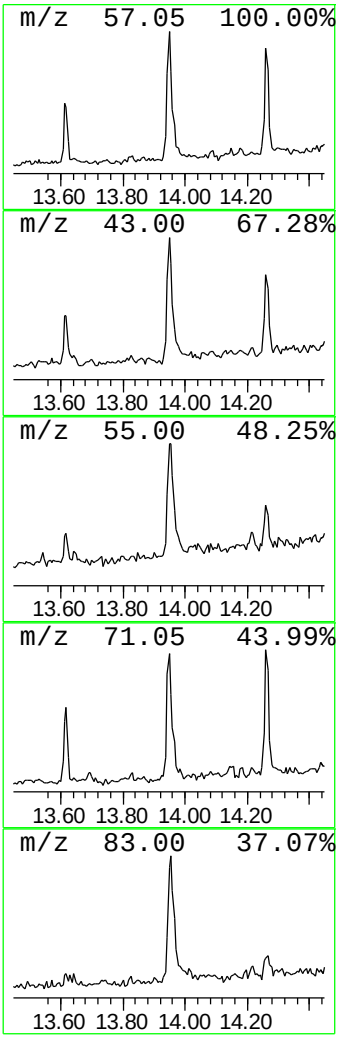
Peak Number 4 Triacontyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.40 ng	213739	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91
2	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	90
3	Oxalic acid, isobutyl tridecyl e...	328	C19H36O4	1000309-37-8	90
4	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	90
5	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	90





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ClientSampleId : KG-PIT-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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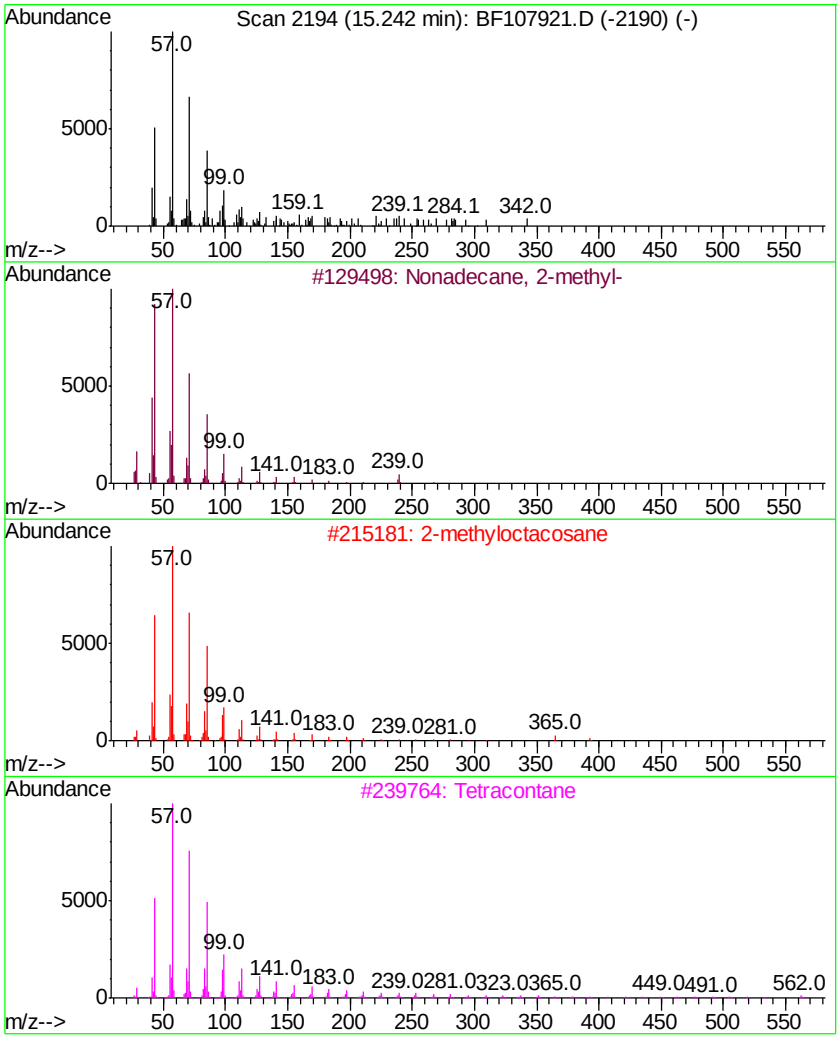
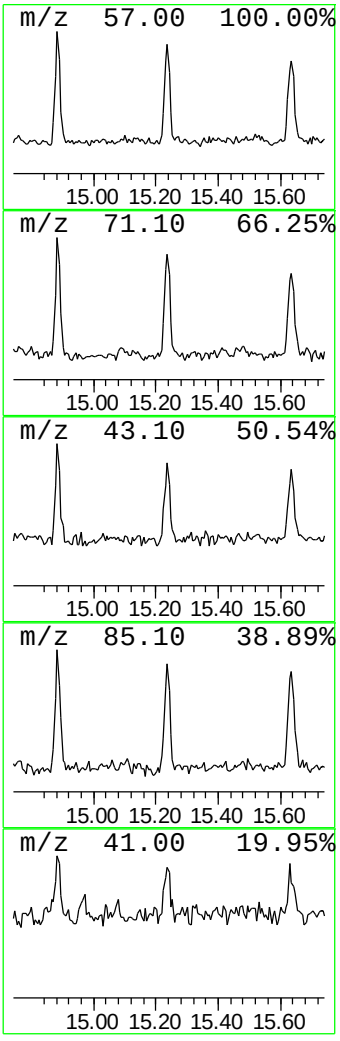
Peak Number 5 Nonadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.47 ng	70365	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
2	2-methyloctacosane	408	C29H60	1000376-72-8	72
3	Tetracontane	563	C40H82	004181-95-7	64
4	Tetrapentacontane	759	C54H110	005856-66-6	64
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64





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Misc :
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Instrument : BNA_F
ClientSampleId : KG-PIT-2

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

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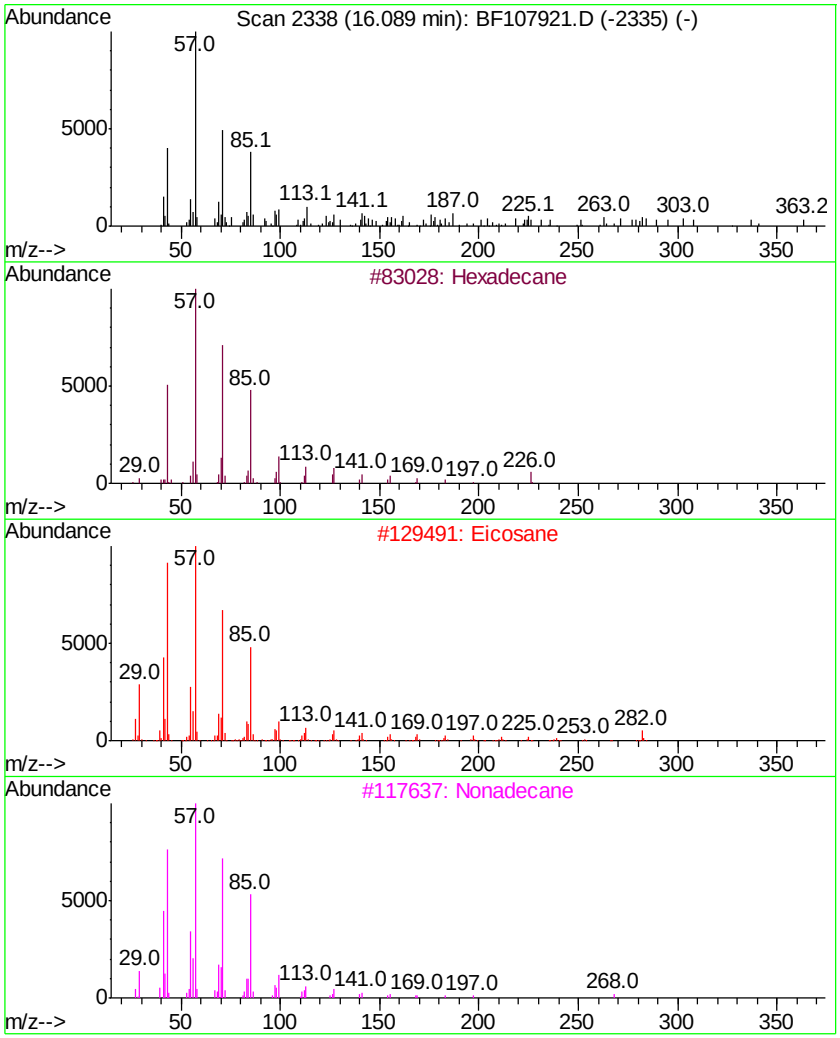
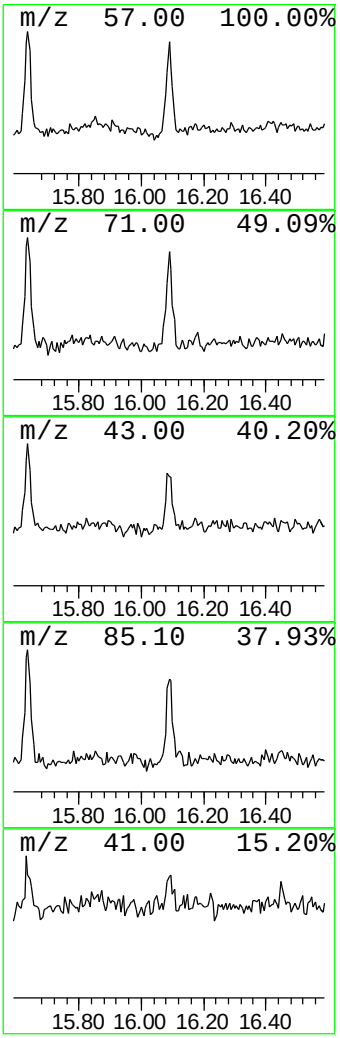
Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.07 ng	59118	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Eicosane	282	C20H42	000112-95-8	58
3	Nonadecane	268	C19H40	000629-92-5	49
4	Undecane	156	C11H24	001120-21-4	49
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	49





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	10.0	ng	412783	1	6.96	827461	20.0
unknown6.73	6.73	74.2	ng	3068940	1	6.96	827461	20.0
Triacontyl triflu...	13.95	4.4	ng	213739	5	14.14	971149	20.0
Nonadecane, 2-met...	15.24	2.5	ng	70365	6	15.68	569928	20.0
Hexadecane	16.09	2.1	ng	59118	6	15.68	569928	20.0