LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-EDISON-3

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122446.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	24	rVV	436941	677752	15.81%	2.015%
2	2.246	24	27	32	rVB	44759	63016	1.47%	0.187%
3	4.446	396	401	410	rBV	264626	290752	6.78%	0.865%
4	5.075	500	508	511	rBV	1496638	1807365	42.16%	5.374%
5	5.481	572	577	580	rBV	3157537	2859127	66.70%	8.502%
6	5.875	640	644	647	rBV	192169	159861	3.73%	0.475%
7	6.493	744	749	752	rBV	3183232	3007037	70.15%	8.942%
8	6.863	808	812	815	rBV	1219276	999476	23.32%	2.972%
9	7.422	902	907	910	rBV	2225378	1948699	45.46%	5.795%
10	8.145	1024	1030	1034	rBV	1311559	1296092	30.24%	3.854%
11	9.228	1209	1214	1217	rBV	4227105	3745495	87.37%	11.138%
12	9.622	1277	1281	1284	rBV	50979	49992	1.17%	0.149%
13	9.839	1307	1318	1320	rBV4	21509	52100	1.22%	0.155%
14	9.869	1320	1323	1326	rVV	121446	137217	3.20%	0.408%
15	9.904	1326	1329	1333	rVB	1565036	1475239	34.41%	4.387%
16	10.098	1359	1362	1371	rBV3	38436	46184	1.08%	0.137%
17	10.692	1459	1463	1474	rBV	2299825	2358335	55.01%	7.013%
18	10.839	1485	1488	1498	rVB	150125	196421	4.58%	0.584%
19	11.392	1578	1582	1588	rBV	1602154	1566477	36.54%	4.658%
20	11.722	1634	1638	1646	rVB	34243	52946	1.24%	0.157%
21	11.922	1667	1672	1676	rBV	375271	469681	10.96%	1.397%
22	11.963	1676	1679	1682	rVB	404267	387635	9.04%	1.153%
23	12.445	1757	1761	1765	rBV	75633	81386	1.90%	0.242%
24	12.710	1802	1806	1819	rBV	124691	184372	4.30%	0.548%
25	12.986	1848	1853	1856	rBV	4821330	4286715	100.00%	12.747%
26	13.369	1905	1918	1928	rBV6	68005	262508	6.12%	0.781%
27	13.463	1930	1934	1937	rBV	155877	166849	3.89%	0.496%
28	13.539	1944	1947	1954	rVB3	82058	129630	3.02%	0.385%
29	13.704	1968	1975	1983	rVB3	48832	135191	3.15%	0.402%
30	13.898	2001	2008	2021	rBV4	166048	400435	9.34%	1.191%
31	14.039	2027	2032	2044	rVB	1728129	1680879	39.21%	4.998%
32	14.263	2064	2070	2075	rBV2	48239	97501	2.27%	0.290%
33	14.516	2108	2113	2116	rBV2	52292	58293	1.36%	0.173%
34	14.680	2136	2141	2145	rBV2	47447	58894	1.37%	0.175%
35	14.833	2161	2167	2170	rVB	91698	111763	2.61%	0.332%
36	14.951	2182	2187	2195	rVB3	33094	76281	1.78%	0.227%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-EDISON-3

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.174	2221	2225	2232	rVB	76918	98891	2.31%	0.294%
38	15.368	2252	2258	2259	rBV4	61215	101613	2.37%	0.302%
39	15.521	2278	2284	2288	rBV	1243762	1555505	36.29%	4.625%
40	15.557	2288	2290	2301	rVB2	85161	130185	3.04%	0.387%
41	15.710	2311	2316	2325	rVB7	20849	50429	1.18%	0.150%
42	16.004	2361	2366	2372	rVB2	55561	88159	2.06%	0.262%
43	16.086	2374	2380	2390	rVV6	44737	111122	2.59%	0.330%
44	16.274	2408	2412	2419	rVB7	27166	46334	1.08%	0.138%
45	16.515	2448	2453	2460	rVB4	34900	69666	1.63%	0.207%

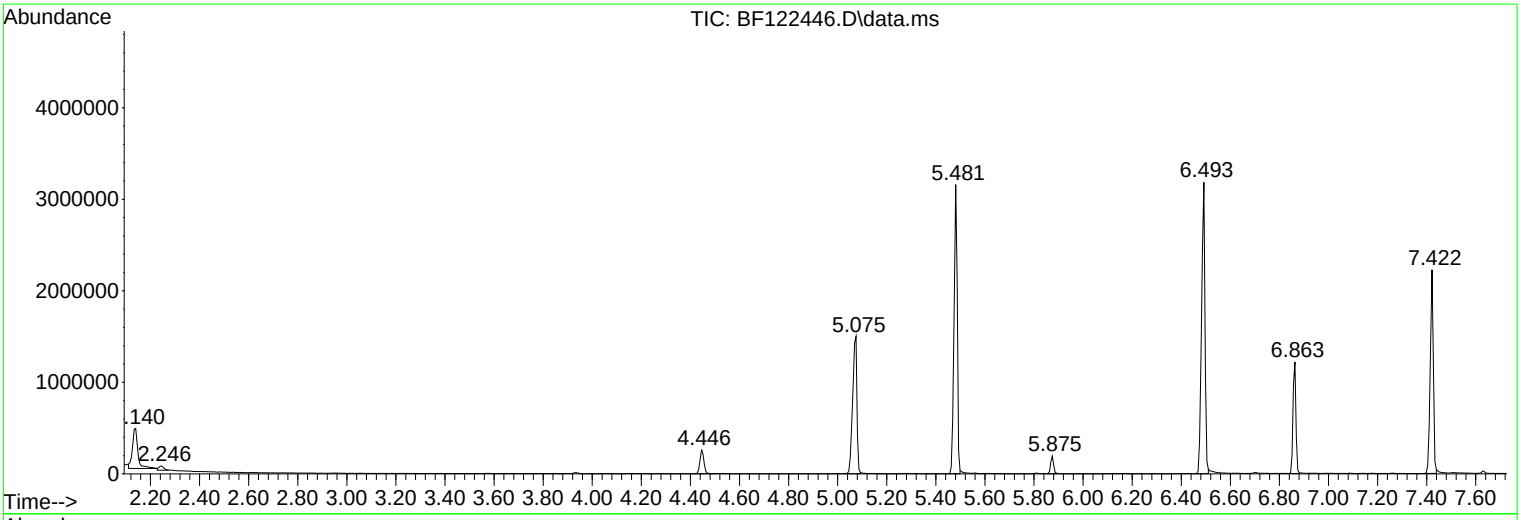
Sum of corrected areas: 33629500

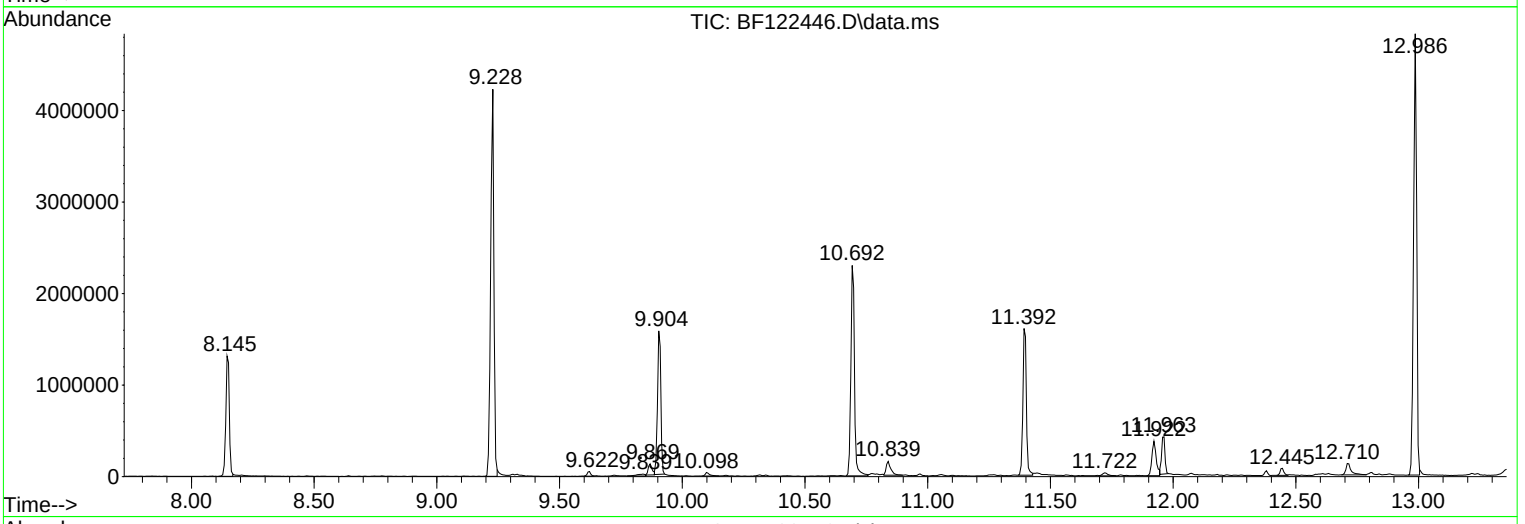
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

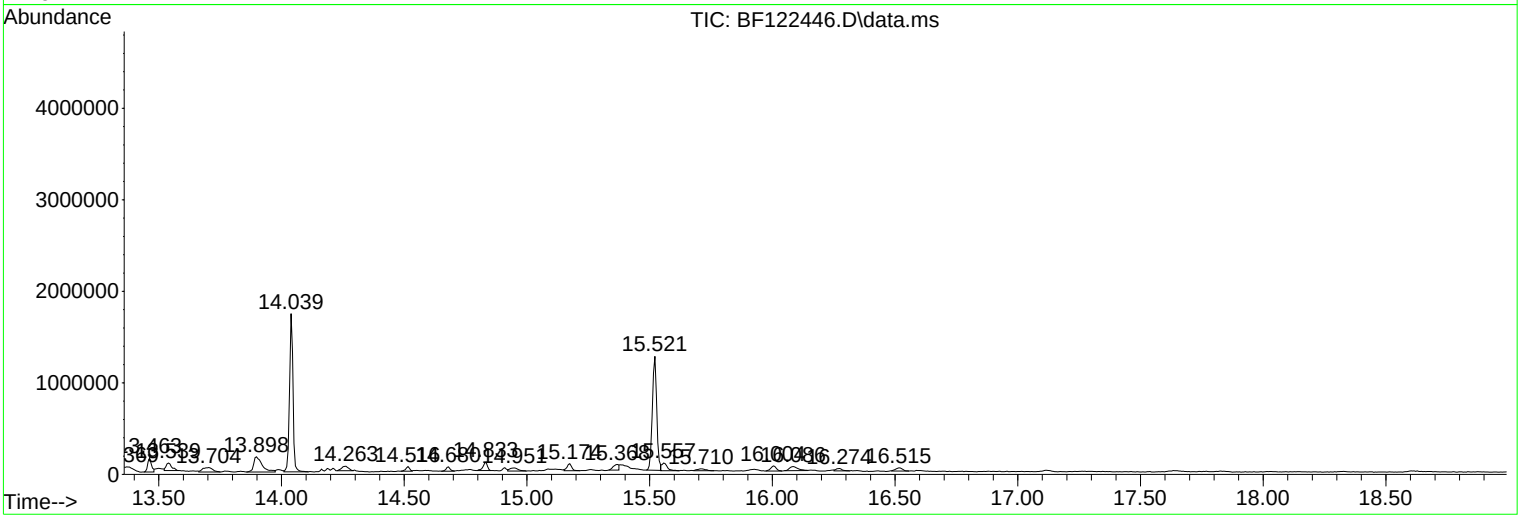
Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-EDISON-3

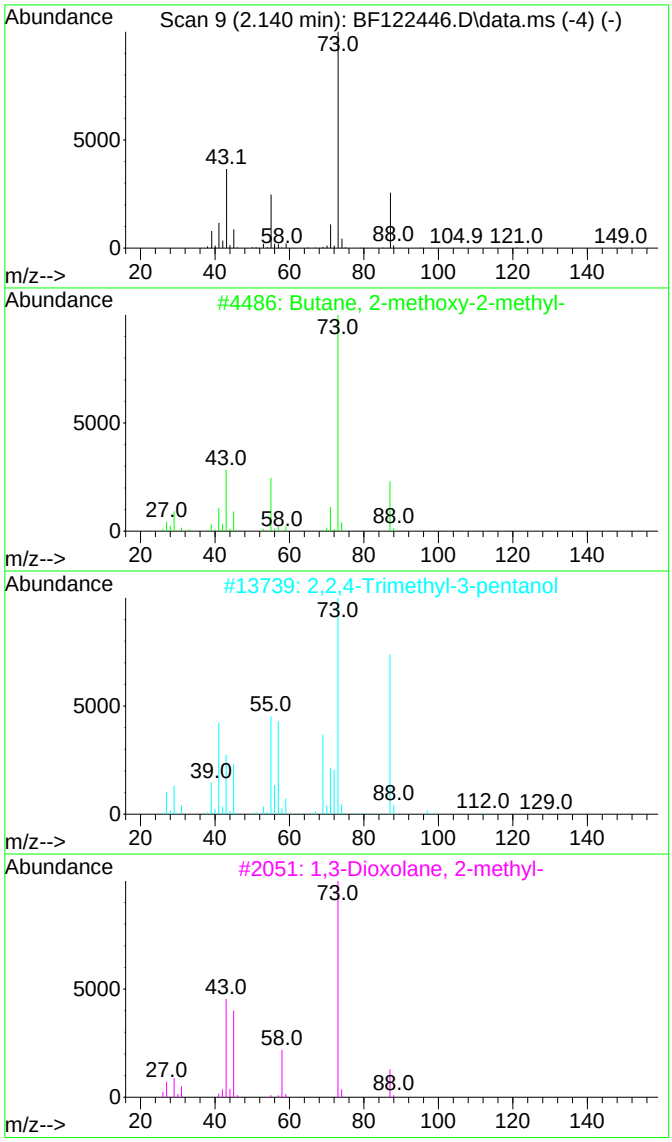
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

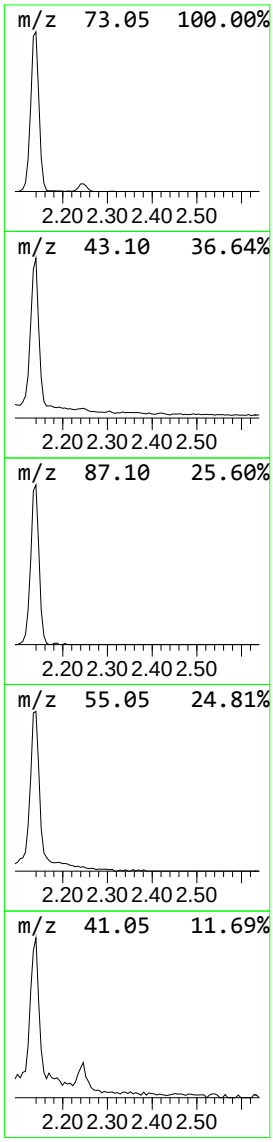
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	13.56 ng	677752	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
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\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

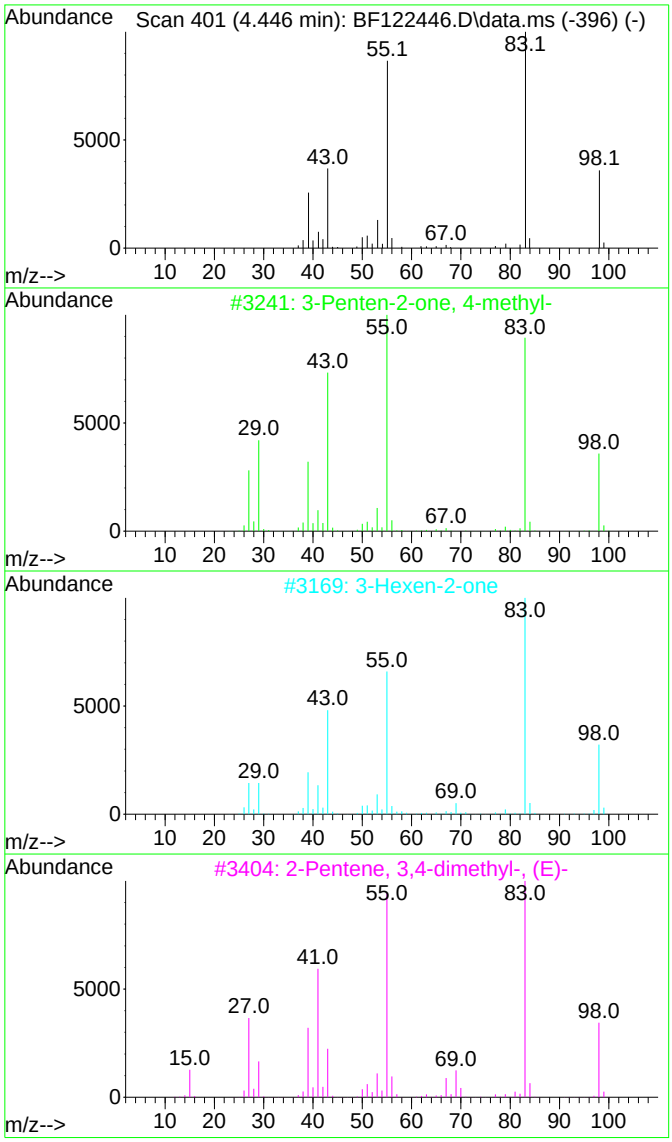
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

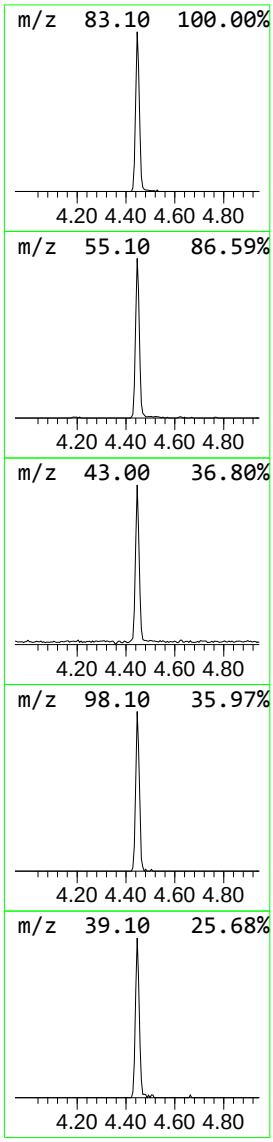
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.446	5.82 ng	290752	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

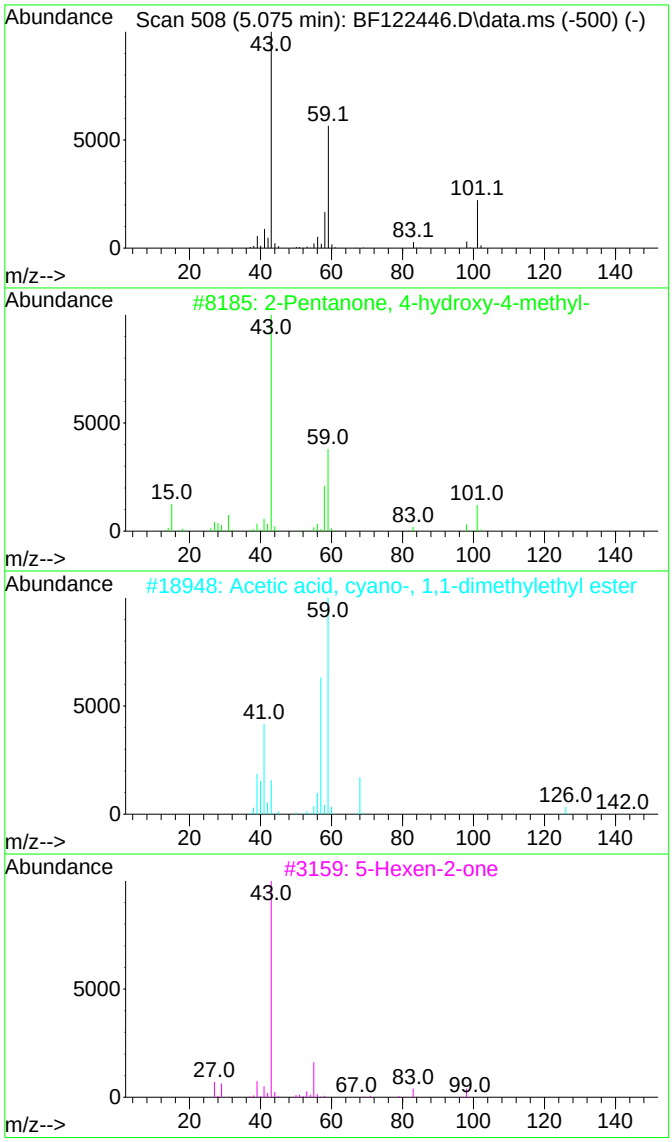
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

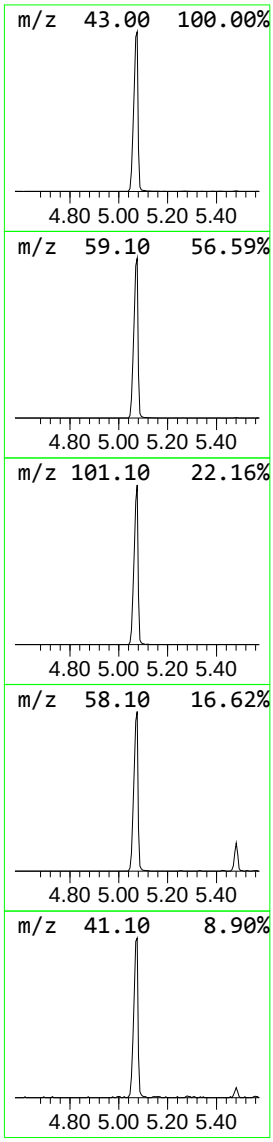
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	36.17 ng	1807370	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

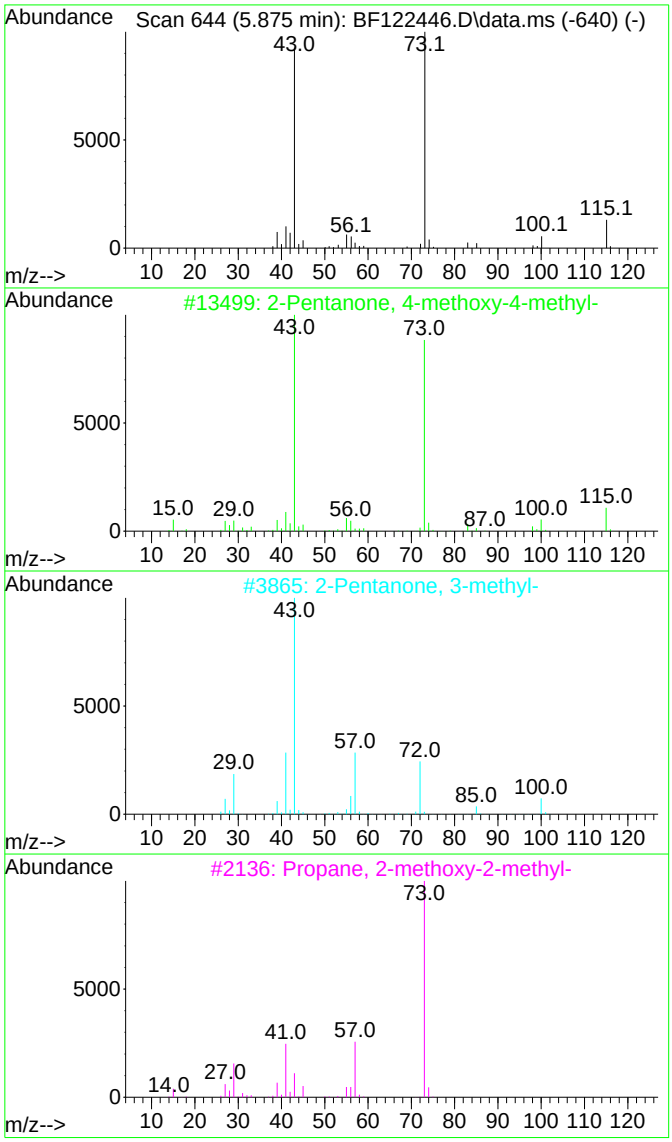
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

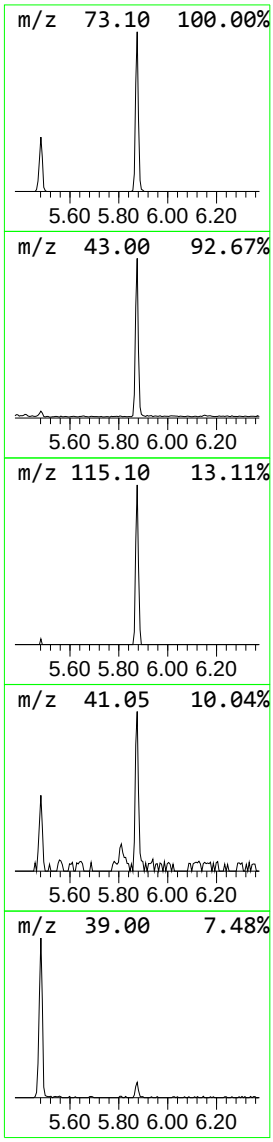
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.875	3.20 ng	159861	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	27
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12
4	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10
5	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

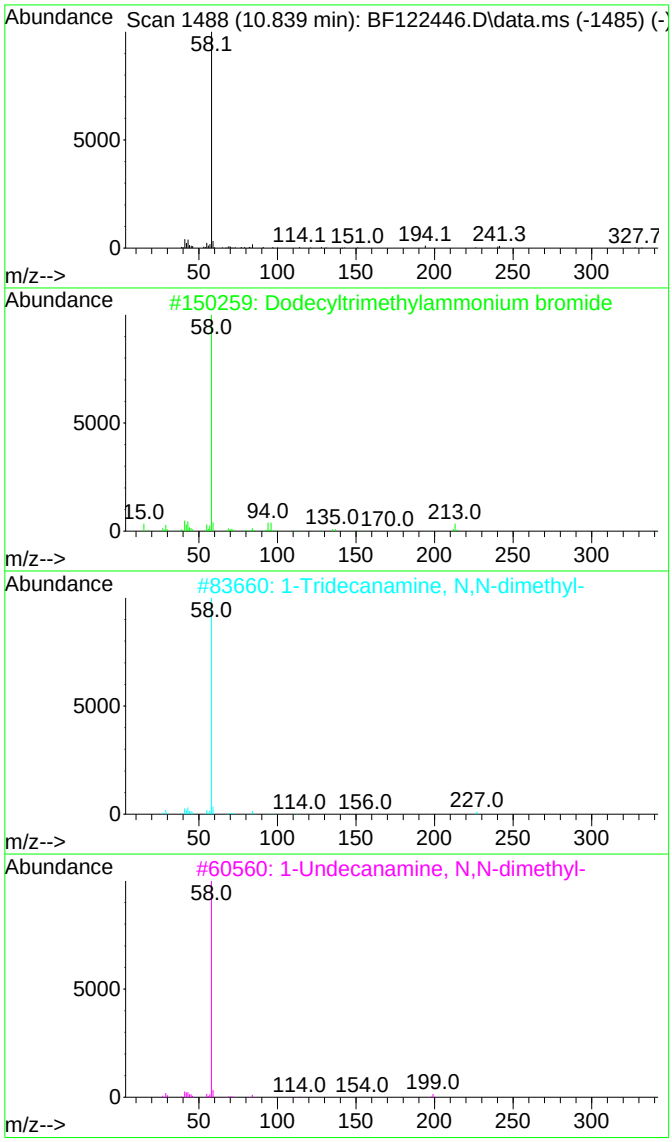
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

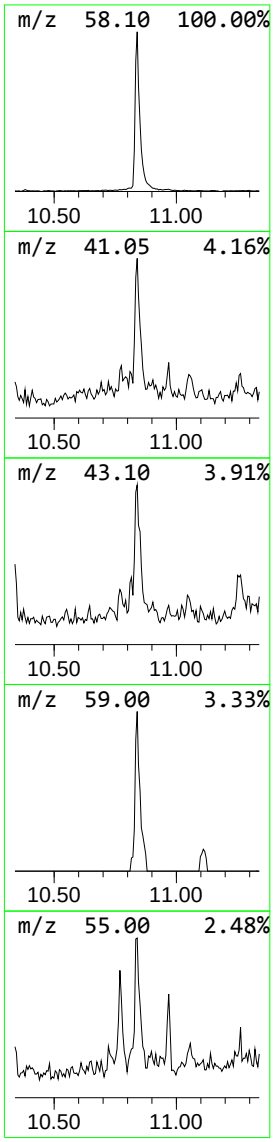
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dodecyltrimethylammonium br... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	2.51 ng	196421	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	72
2	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	72
3	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	72
4	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	72
5	1-Heptadecanamine, N,N-dimethyl-	283	C19H41N	003002-57-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

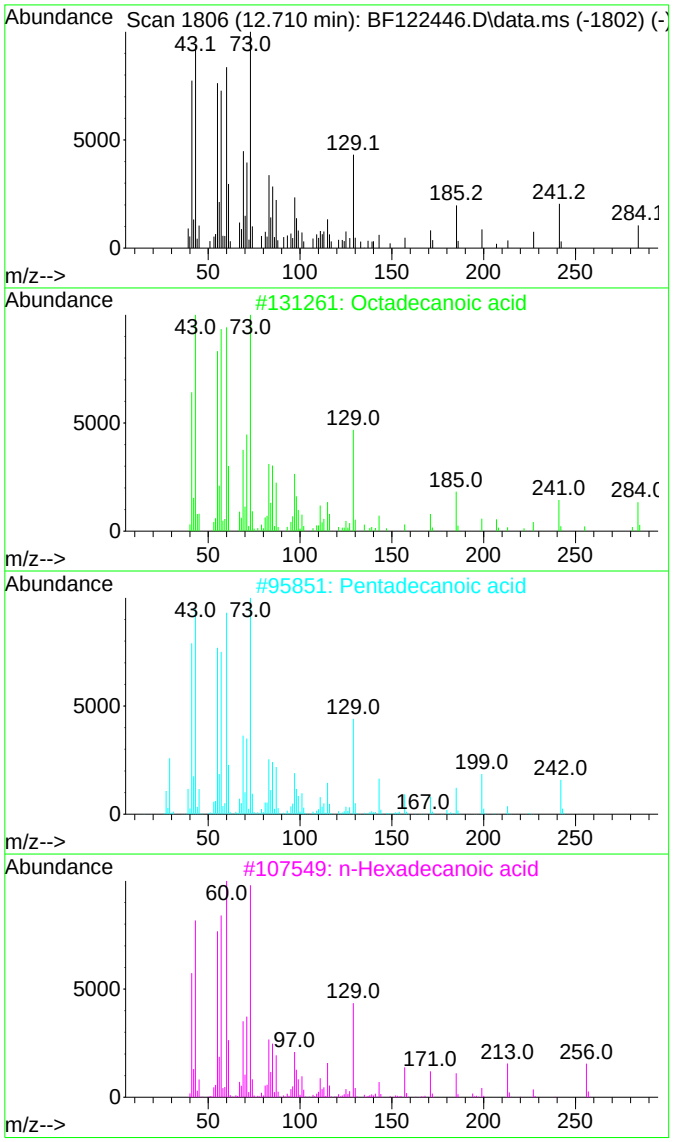
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

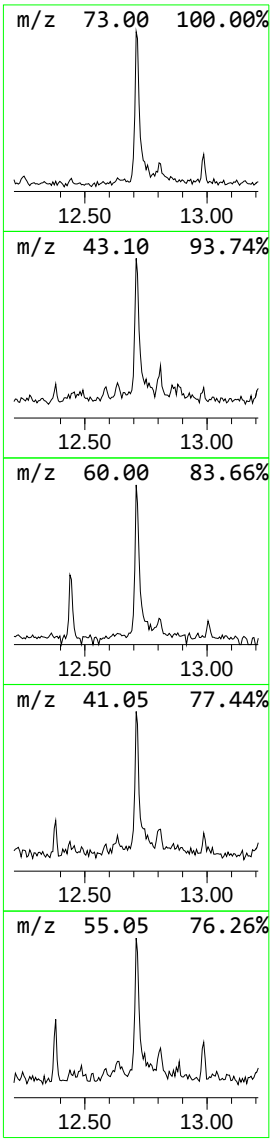
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	2.35 ng	184372	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-EDISON-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

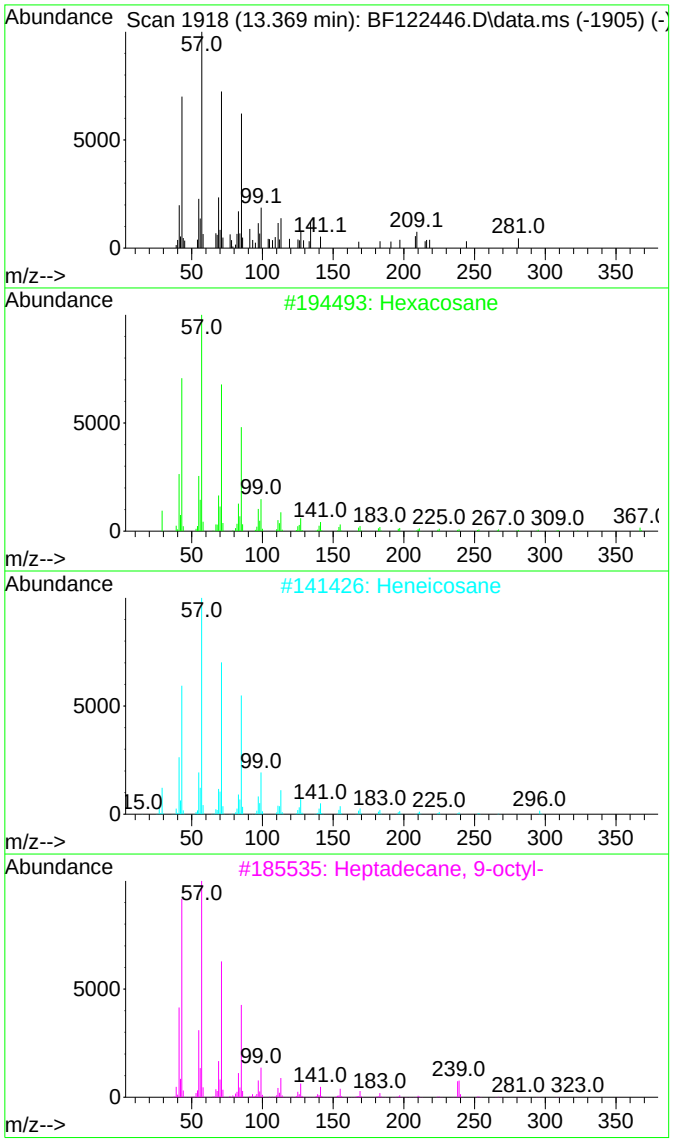
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

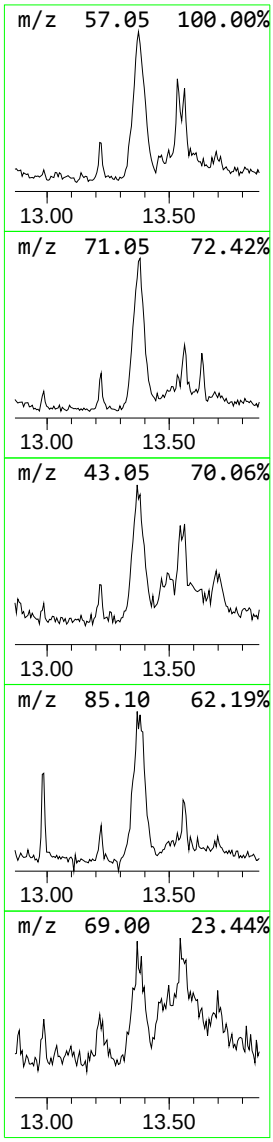
****

Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	3.12 ng	262508	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	81
2	Heneicosane	296	C21H44	000629-94-7	74
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72
5	Hentriacontane	437	C31H64	000630-04-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RCA-EDISON-3

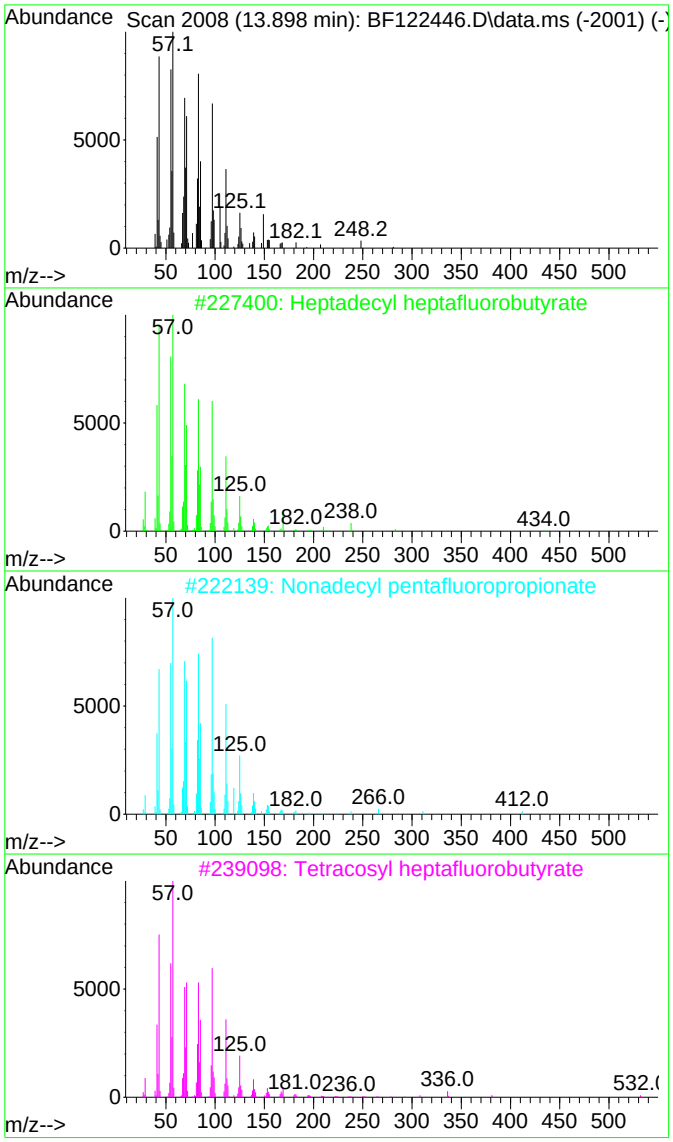
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

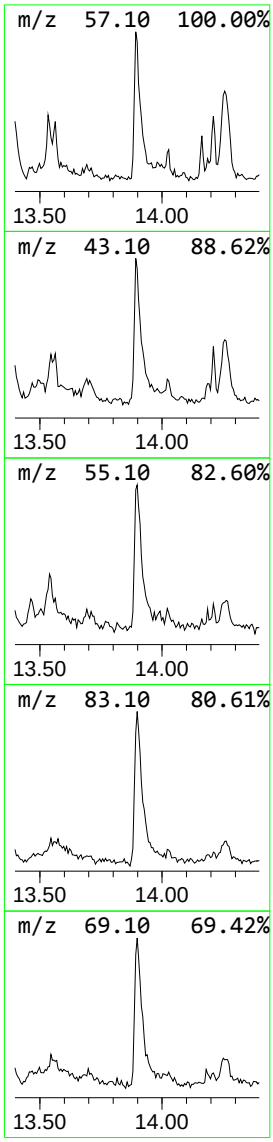
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.76 ng	400435	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	81
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	81
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122446.D
Acq On : 23 Nov 2020 14:40
Operator : JU/CG
Sample : L4846-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RCA-EDISON-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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-metho...	2.140	13.6	ng	677752	1	6.863	999476	20.0
3-Penten-2-one,...	4.446	5.8	ng	290752	1	6.863	999476	20.0
2-Pentanone, 4-...	5.075	36.2	ng	1807370	1	6.863	999476	20.0
2-Pentanone, 4-...	5.875	3.2	ng	159861	1	6.863	999476	20.0
Dodecyltrimethy...	10.839	2.5	ng	196421	4	11.392	1566480	20.0
Octadecanoic acid	12.710	2.4	ng	184372	4	11.392	1566480	20.0
Hexacosane	13.368	3.1	ng	262508	5	14.039	1680880	20.0
Heptadecyl hept...	13.898	4.8	ng	400435	5	14.039	1680880	20.0