LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110565.D
Acq On : 7 Nov 2018 19:41
Operator : JU/SJ
Sample : J5813-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-E

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-BF102318.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	2.269	26	31	49	rVB	316063	454173	31.35%	3.423%
2	5.187	524	527	536	rBV	41405	56993	3.93%	0.430%
3	5.575	589	593	611	rBV	1481865	1375726	94.96%	10.369%
4	6.575	759	763	784	rBV	1386462	1448688	100.00%	10.918%
5	6.722	784	788	791	rBV	1704345	1435710	99.10%	10.821%
6	6.951	823	827	833	rBV	470578	388429	26.81%	2.928%
7	7.104	849	853	864	rBV	1165444	1100386	75.96%	8.293%
8	7.516	919	923	937	rBV	858301	860974	59.43%	6.489%
9	8.233	1041	1045	1062	rBV	418379	447305	30.88%	3.371%
10	9.304	1224	1227	1237	rBV	1419965	1277852	88.21%	9.631%
11	9.698	1291	1294	1306	rVB	170289	153923	10.62%	1.160%
12	9.992	1340	1344	1354	rBV2	436897	412404	28.47%	3.108%
13	10.786	1475	1479	1489	rBV	677464	649286	44.82%	4.894%
14	11.486	1594	1598	1606	rBV	390789	401851	27.74%	3.029%
15	11.986	1680	1683	1688	rBV	66826	71924	4.96%	0.542%
16	12.704	1802	1805	1814	rVB	74501	70040	4.83%	0.528%
17	12.774	1814	1817	1825	rBV6	15487	26403	1.82%	0.199%
18	12.939	1842	1845	1850	rVB	62096	60781	4.20%	0.458%
19	13.068	1863	1867	1870	rBV	1263623	1070058	73.86%	8.065%
20	13.263	1896	1900	1904	rVB5	13075	19436	1.34%	0.146%
21	13.945	2012	2016	2021	rBV	107276	137764	9.51%	1.038%
22	14.133	2044	2048	2052	rBV	462345	528634	36.49%	3.984%
23	14.568	2119	2122	2127	rBV2	48019	76391	5.27%	0.576%
24	14.886	2173	2176	2179	rVB	52454	54266	3.75%	0.409%
25	15.233	2233	2235	2239	rVB	110573	111886	7.72%	0.843%
26	15.633	2300	2303	2305	rBV	64014	80798	5.58%	0.609%
27	15.662	2305	2308	2314	rVB	225931	293439	20.26%	2.212%
28	16.086	2377	2380	2388	rVB	99020	144314	9.96%	1.088%
29	16.615	2468	2470	2476	rVB2	39772	58381	4.03%	0.440%

Sum of corrected areas: 13268215

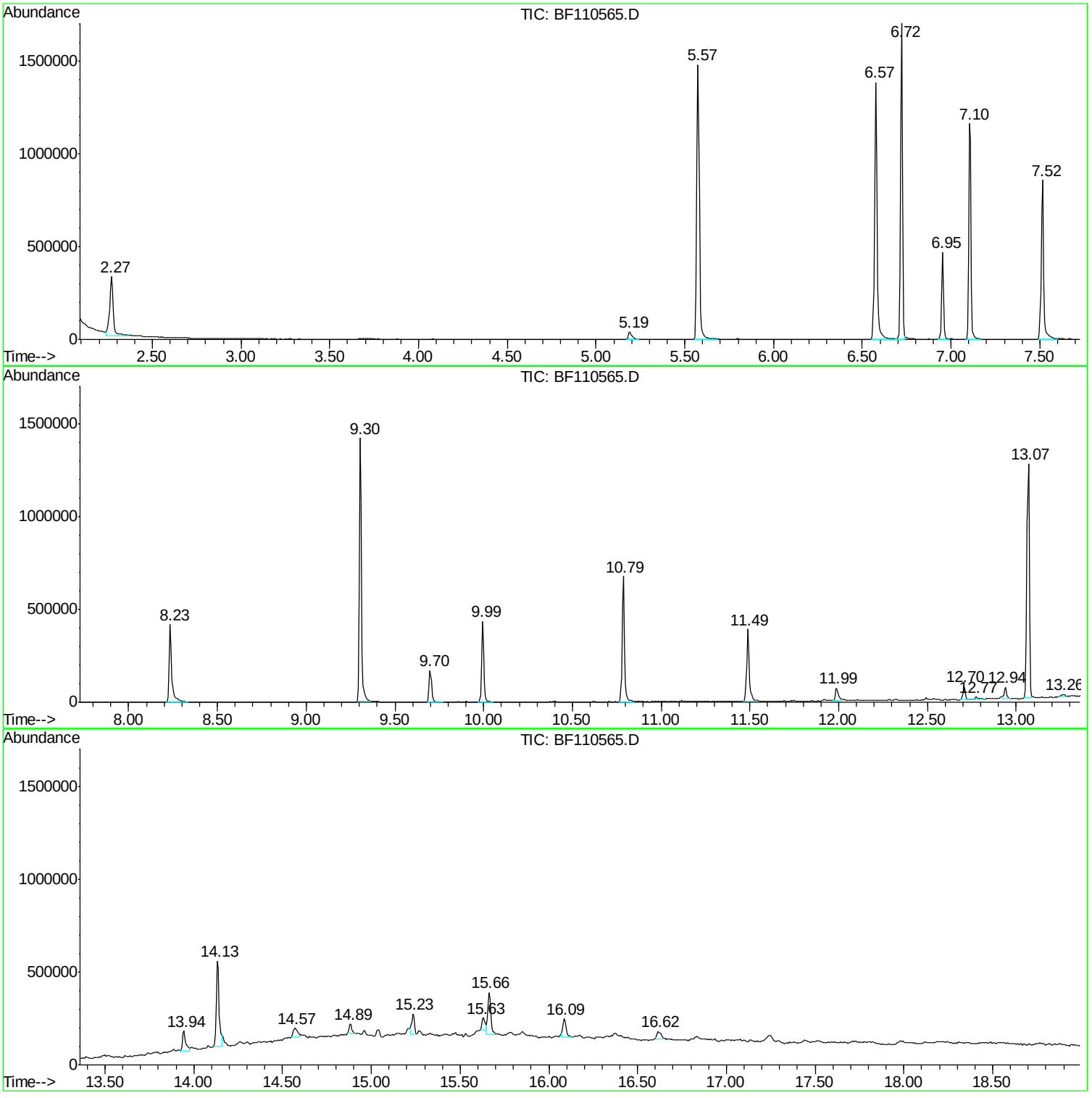
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110565.D
Acq On : 7 Nov 2018 19:41
Operator : JU/SJ
Sample : J5813-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

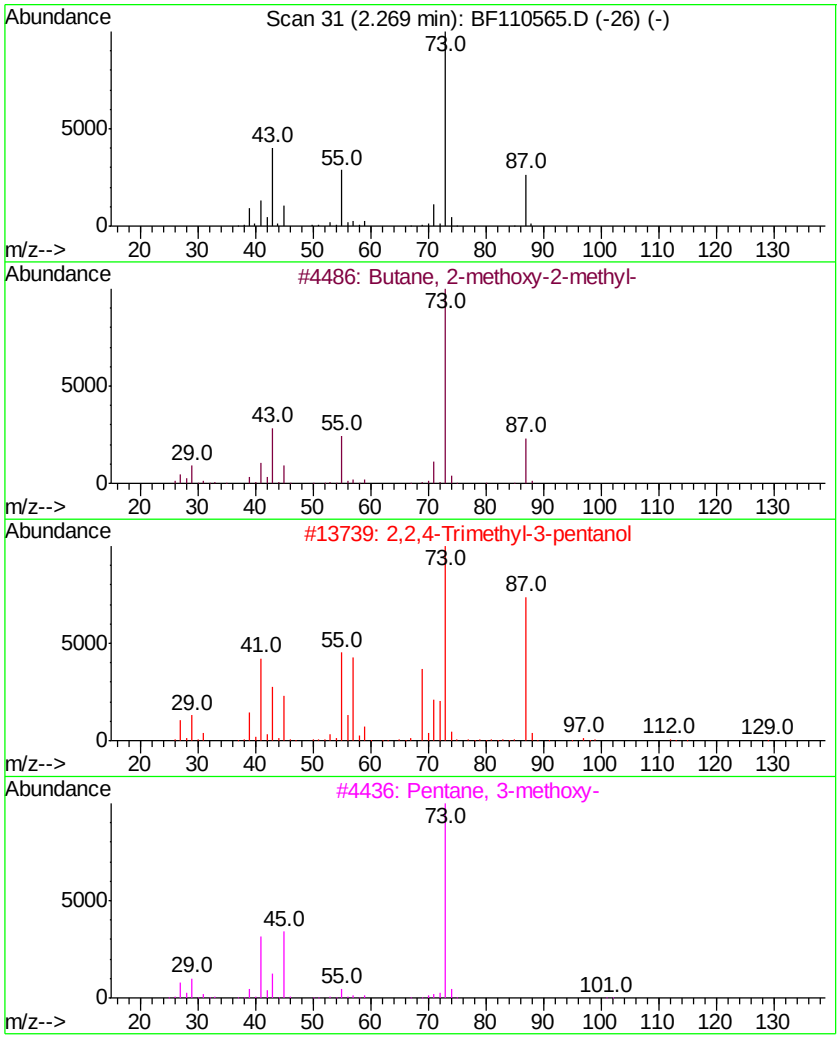
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

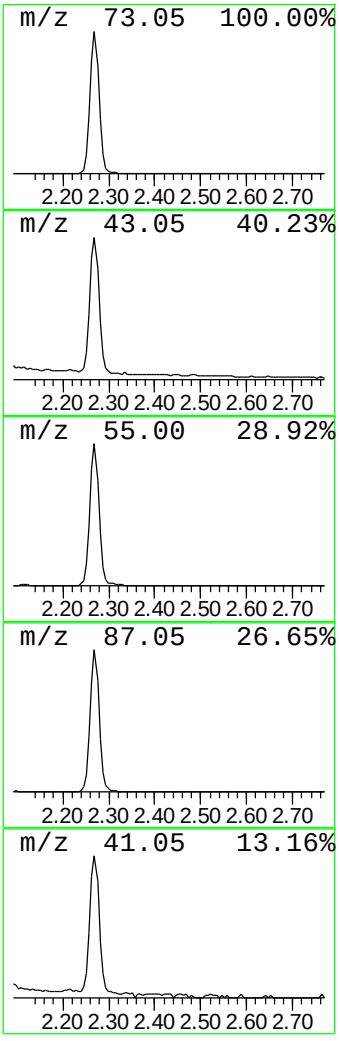
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	23.39 ng	454173	1,4-Dichlorobenzene-d4	6.95

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Operator : JU/SJ
Sample : J5813-05
Misc :
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Instrument : BNA_F
ClientSampleId : TS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

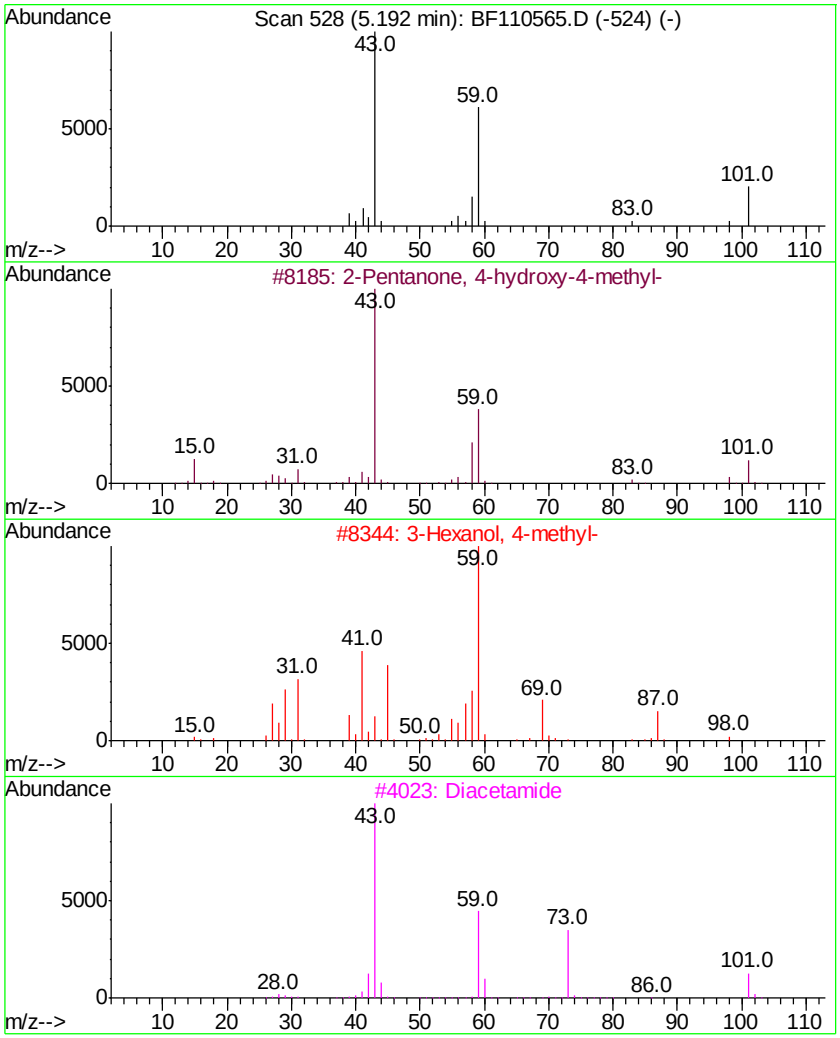
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

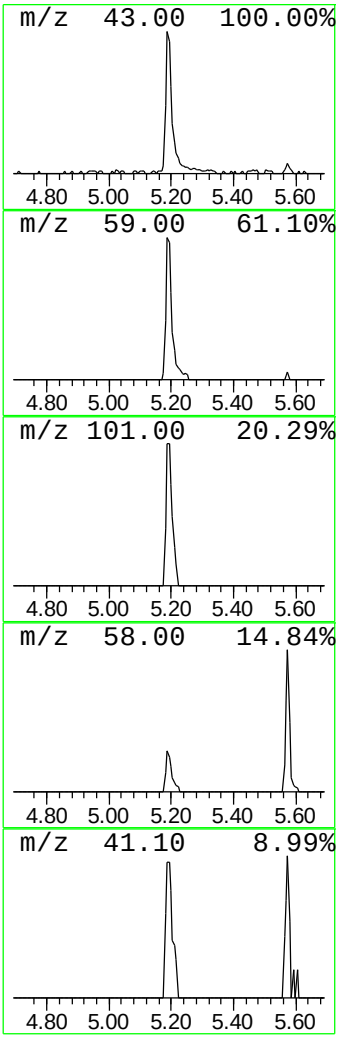
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.93 ng	56993	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	2-Butanol, 1-chloro-	108	C4H9ClO	001873-25-2	9
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9





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Misc :
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Instrument : BNA_F
ClientSampleId : TS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
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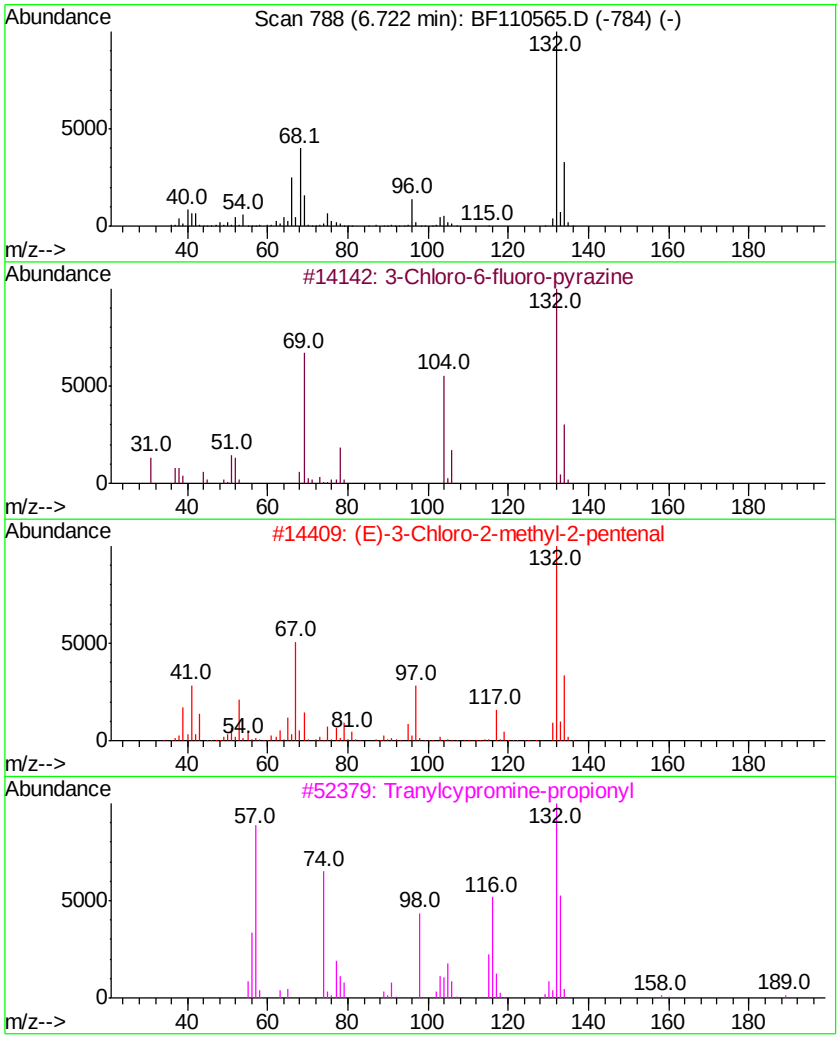
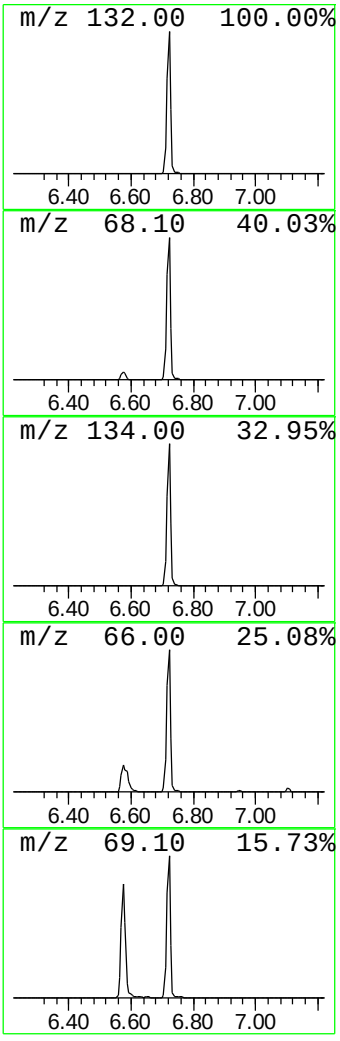
****

Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	73.92 ng	1435710	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

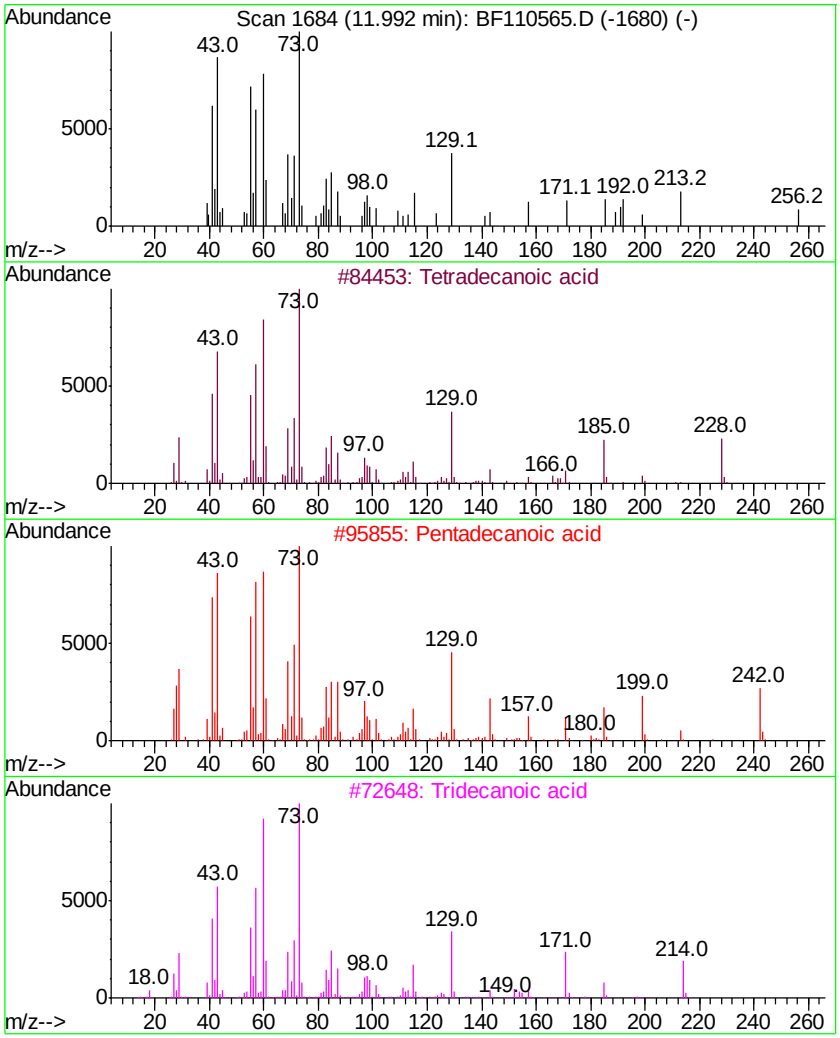
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

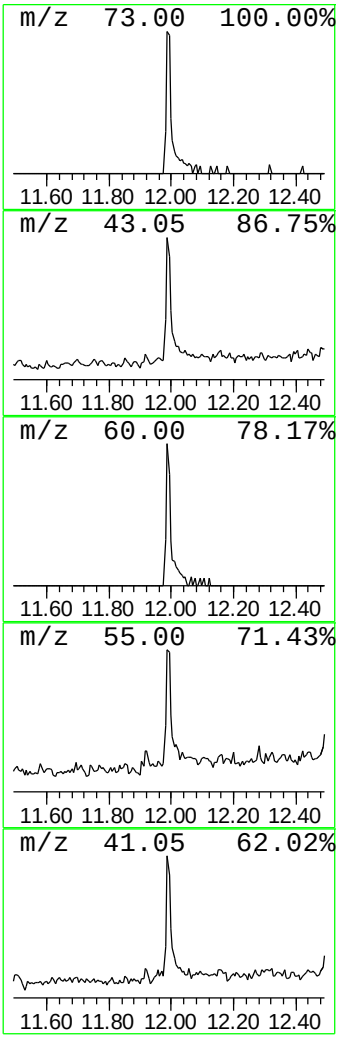
****

Peak Number 5 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.58 ng	71924	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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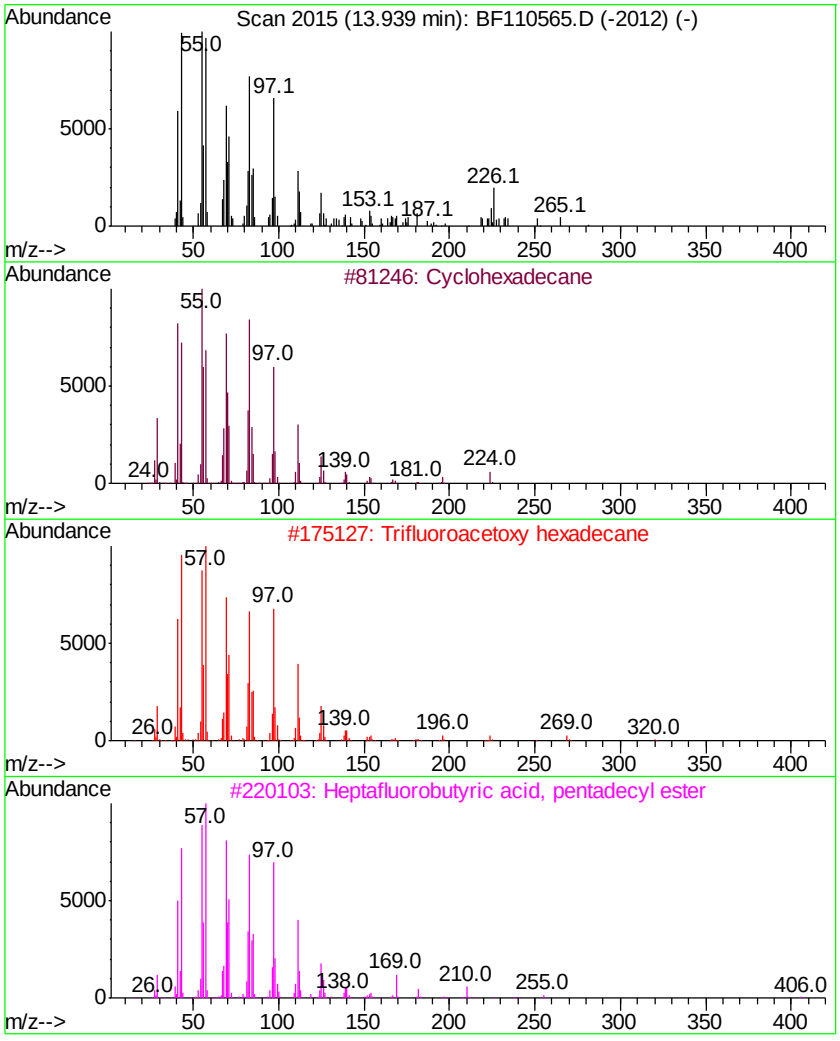
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

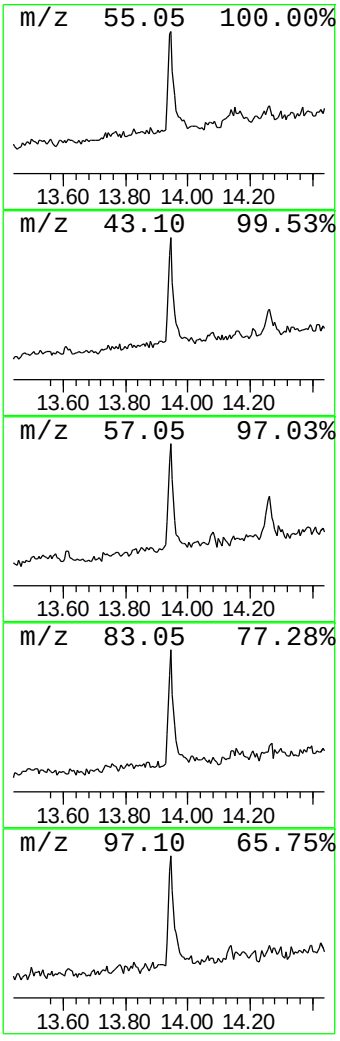
****

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.21 ng	137764	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	92
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	92





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Instrument : BNA_F
ClientSampleId : TS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

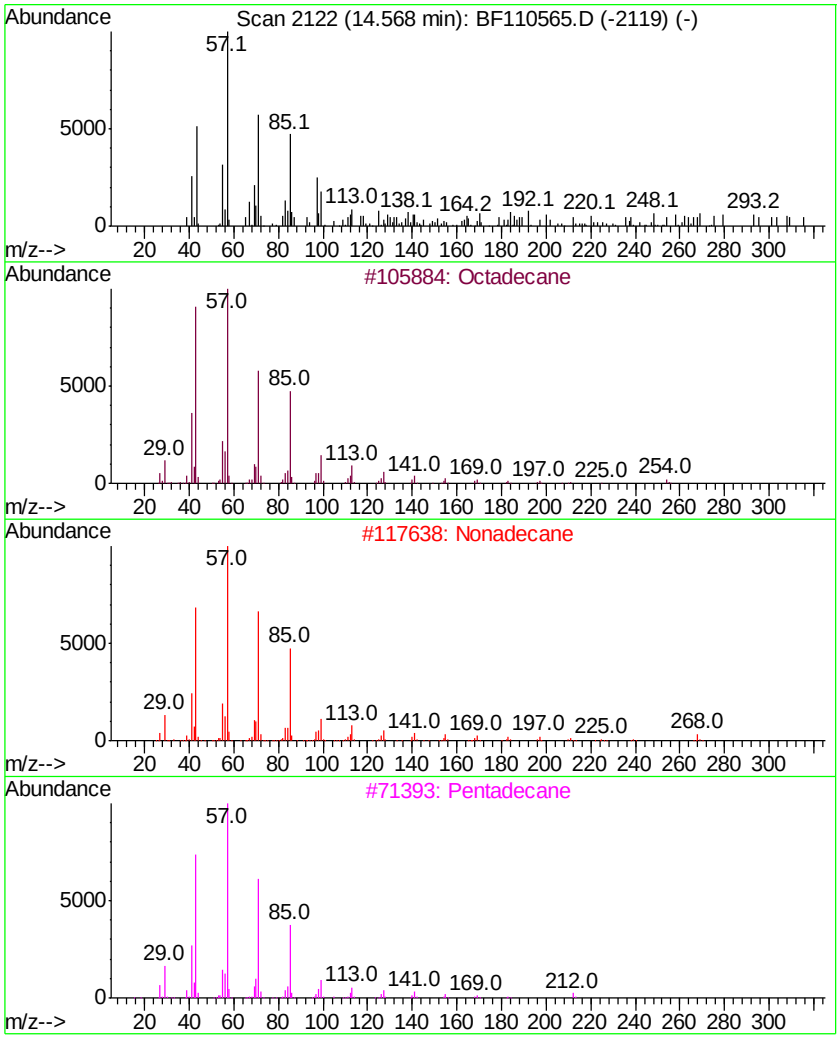
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

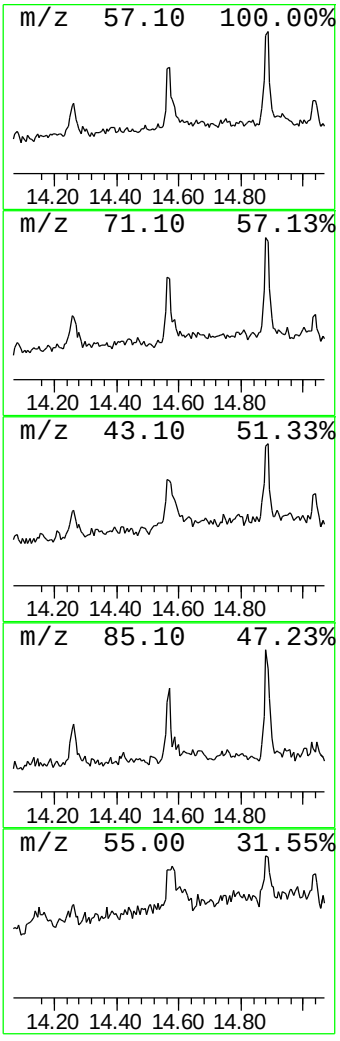
****

Peak Number 7 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.89 ng	76391	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	78
2	Nonadecane	268	C19H40	000629-92-5	78
3	Pentadecane	212	C15H32	000629-62-9	60
4	Tridecane	184	C13H28	000629-50-5	53
5	Hexacosane	366	C26H54	000630-01-3	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

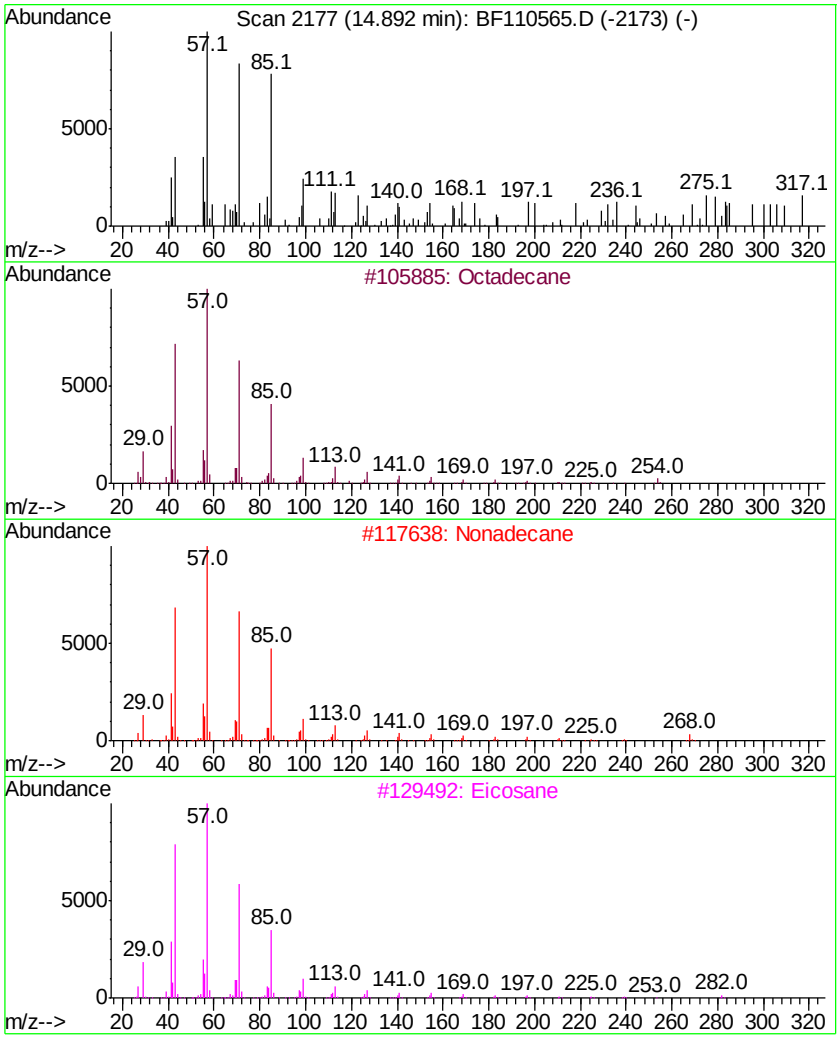
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

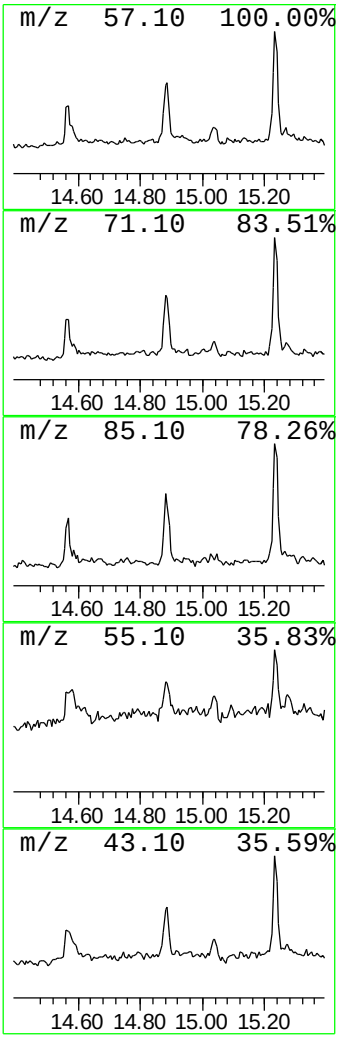
****

Peak Number 8 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.05 ng	54266	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Nonadecane	268	C19H40	000629-92-5	86
3	Eicosane	282	C20H42	000112-95-8	83
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	64
5	Heptadecane	240	C17H36	000629-78-7	58





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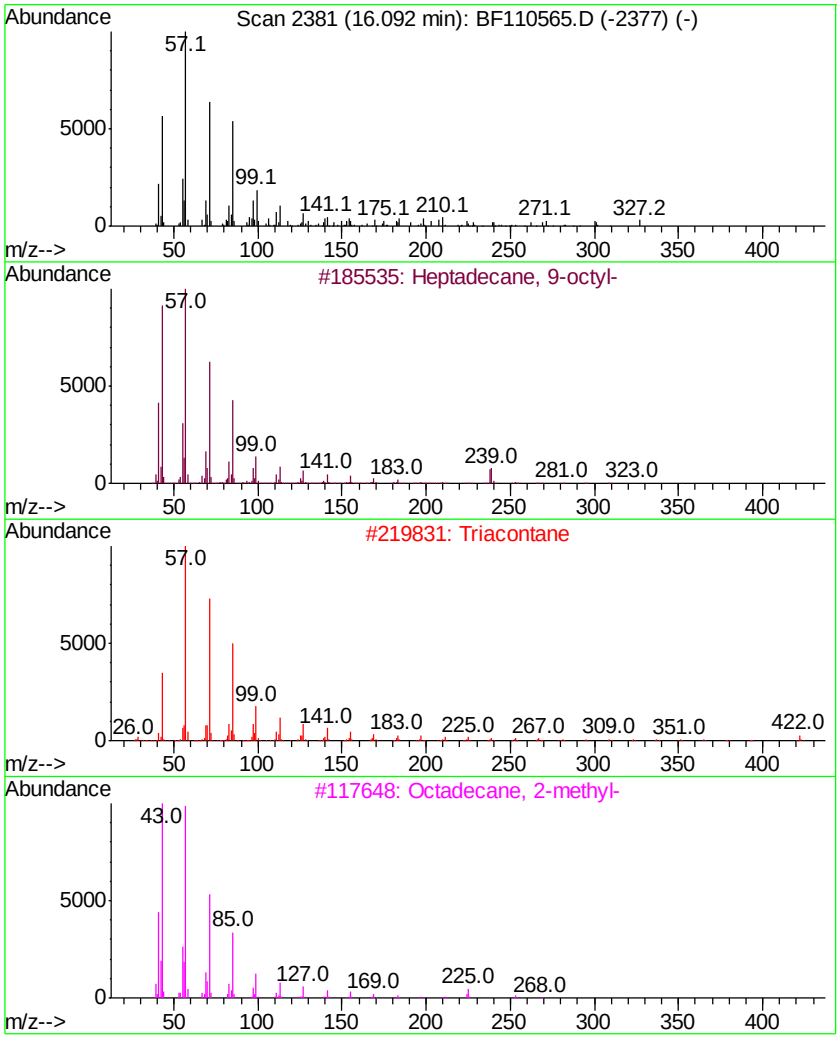
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

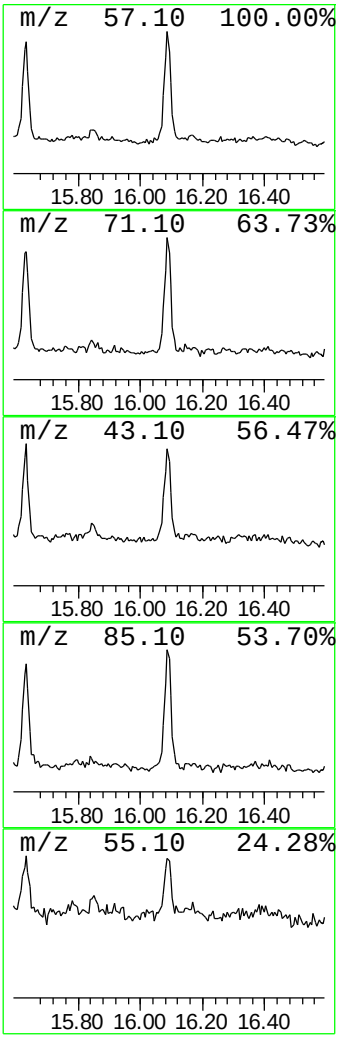
****

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	9.84 ng	144314	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2	Triacontane	422	C30H62	000638-68-6	86
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TS-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

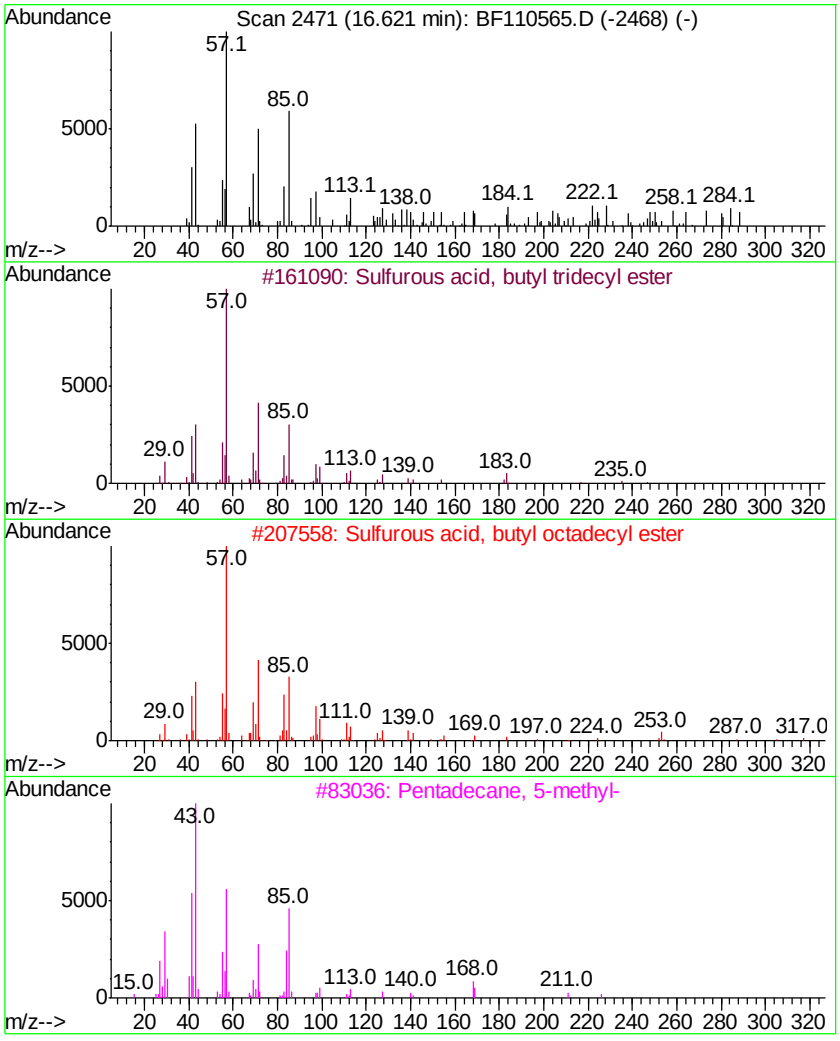
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

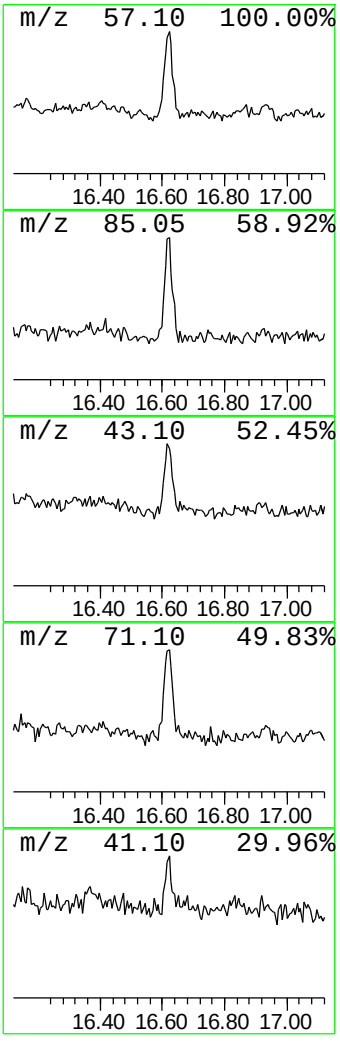
****

Peak Number 10 unknown16.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.98 ng	58381	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	43
2	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	43
3	Pentadecane, 5-methyl-	226	C16H34	025117-33-3	38
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38
5	Nonadecane, 3-methyl-	282	C20H42	006418-45-7	38





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
Butane, 2-methoxy...	2.27	23.4	ng	454173	1	6.95	388429	20.0
2-Pentanone, 4-hy...	5.19	2.9	ng	56993	1	6.95	388429	20.0
unknown6.72	6.72	73.9	ng	1435710	1	6.95	388429	20.0
Tetradecanoic acid	11.99	3.6	ng	71924	4	11.49	401851	20.0
Cyclohexadecane	13.94	5.2	ng	137764	5	14.13	528634	20.0
Nonadecane	14.57	2.9	ng	76391	5	14.13	528634	20.0
Octadecane	14.89	2.0	ng	54266	5	14.13	528634	20.0
Heptadecane, 9-oc...	16.09	9.8	ng	144314	6	15.66	293439	20.0
unknown16.62	16.62	4.0	ng	58381	6	15.66	293439	20.0