LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107595.D
Acq On : 23 Jul 2018 18:25
Operator : JU/SJ
Sample : J4062-37
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10

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-BF072018.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	4.125	300	304	309	rBV	45552	58797	1.01%	0.117%
2	5.219	486	490	502	rVB	838921	1071269	18.45%	2.132%
3	5.613	553	557	583	rBV	4812501	5806017	100.00%	11.557%
4	6.613	722	727	746	rBV	4396127	5740818	98.88%	11.427%
5	6.754	746	751	769	rVB	5160049	5744786	98.95%	11.435%
6	6.978	785	789	811	rVB	1490719	1614460	27.81%	3.214%
7	7.137	812	816	832	rBV	4029023	4206632	72.45%	8.373%
8	7.542	880	885	903	rBV	3025114	3463928	59.66%	6.895%
9	8.260	1003	1007	1025	rBV	1753901	1806844	31.12%	3.596%
10	9.336	1185	1190	1199	rBV	4251190	4478320	77.13%	8.914%
11	9.725	1253	1256	1262	rBV	471554	384589	6.62%	0.766%
12	10.019	1303	1306	1318	rBV	1701669	1654820	28.50%	3.294%
13	10.813	1437	1441	1453	rBV	2972665	3354982	57.78%	6.678%
14	10.907	1454	1457	1462	rVB	54305	77330	1.33%	0.154%
15	11.519	1557	1561	1564	rBV	1685390	1712240	29.49%	3.408%
16	12.019	1643	1646	1649	rBV	154880	156567	2.70%	0.312%
17	12.048	1649	1651	1655	rVB2	65466	99377	1.71%	0.198%
18	12.130	1662	1665	1668	rBV3	54206	63972	1.10%	0.127%
19	12.577	1737	1741	1744	rBV2	36611	63910	1.10%	0.127%
20	12.736	1764	1768	1772	rBV	254867	257767	4.44%	0.513%
21	12.966	1802	1807	1813	rBV	272455	399219	6.88%	0.795%
22	13.101	1826	1830	1839	rBV	4589580	4356654	75.04%	8.672%
23	13.654	1922	1924	1927	rVB2	141396	115316	1.99%	0.230%
24	13.989	1978	1981	1984	rBV	362421	337560	5.81%	0.672%
25	14.177	2009	2013	2016	rBV	1425576	1533783	26.42%	3.053%
26	14.307	2033	2035	2040	rBV	181533	168725	2.91%	0.336%
27	14.618	2086	2088	2096	rVB	206313	225962	3.89%	0.450%
28	15.718	2271	2275	2286	rVB	803599	1285116	22.13%	2.558%

Sum of corrected areas: 50239760

LSC Report - Integrated Chromatogram

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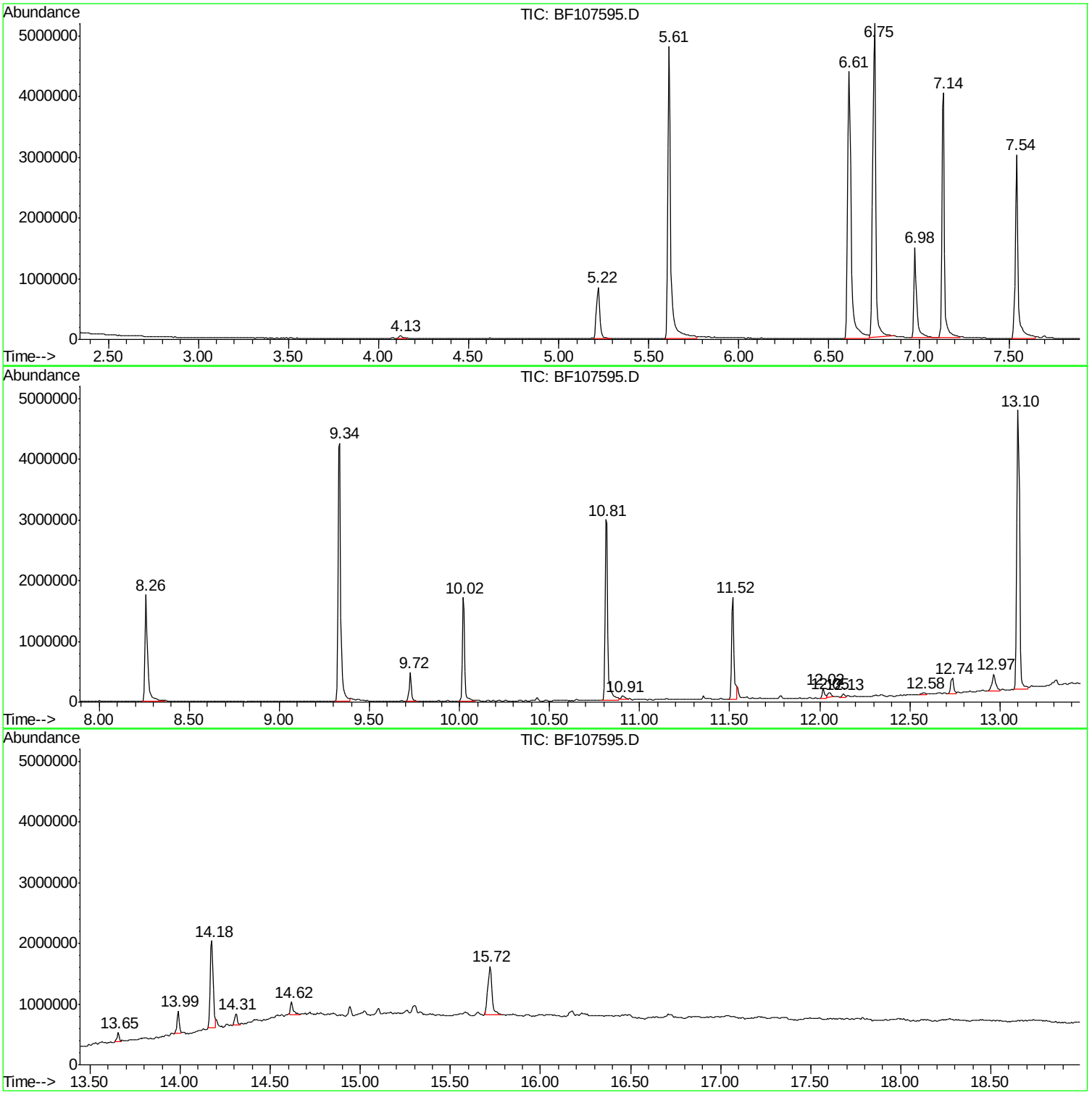
ClientSampleId : TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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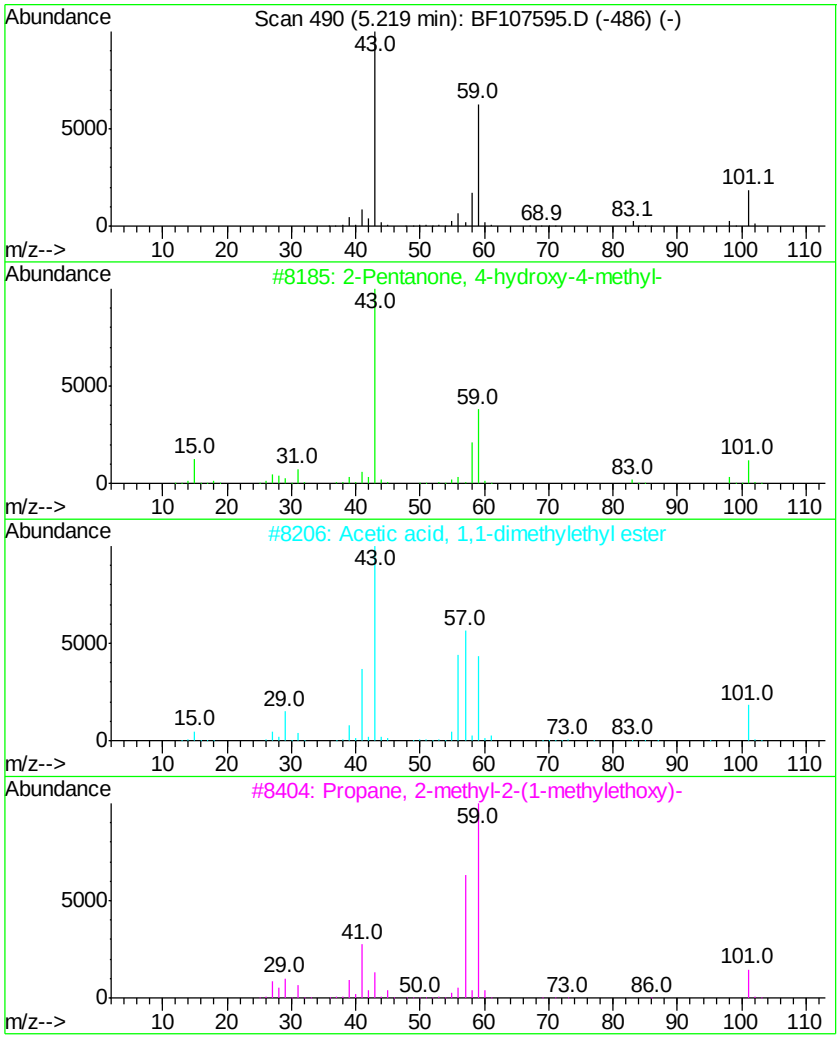
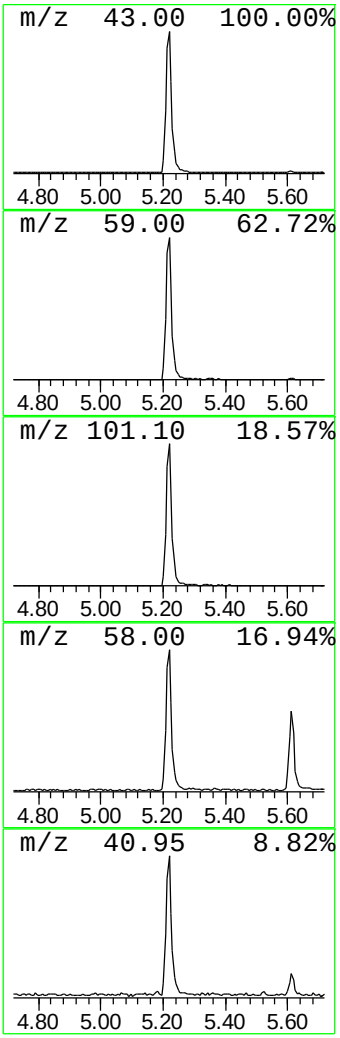
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	13.27 ng	1071270	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-10

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TIC Library : C:\DATABASE\NIST11.L
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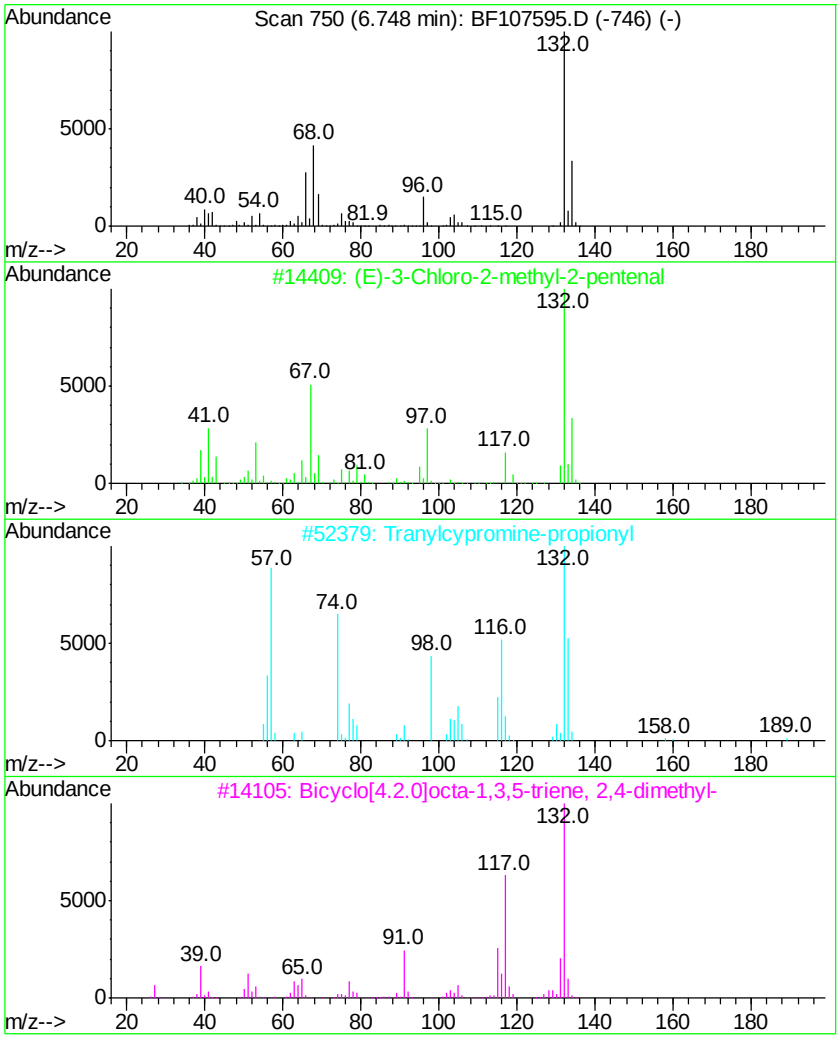
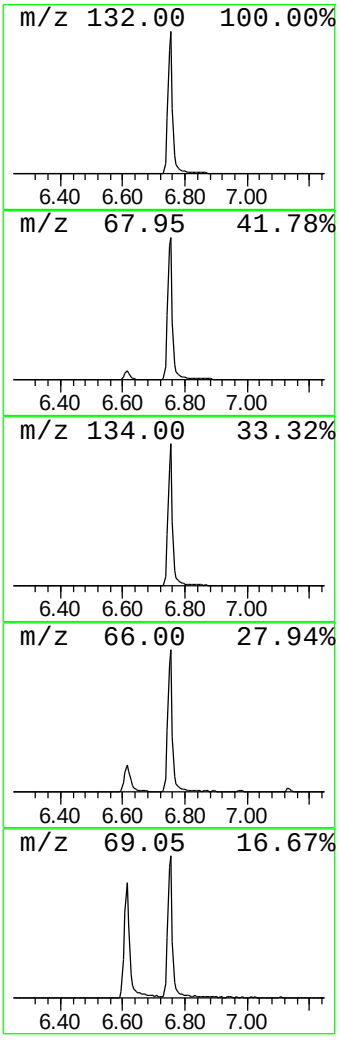
Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	71.17 ng	5744790	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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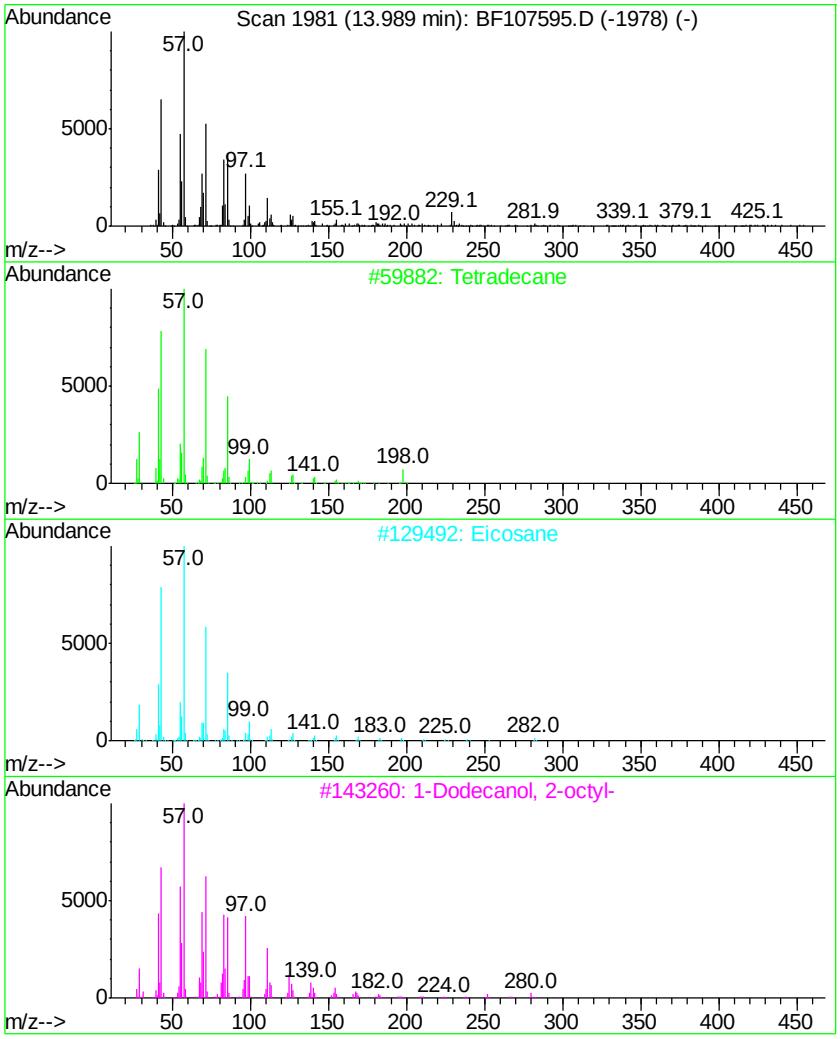
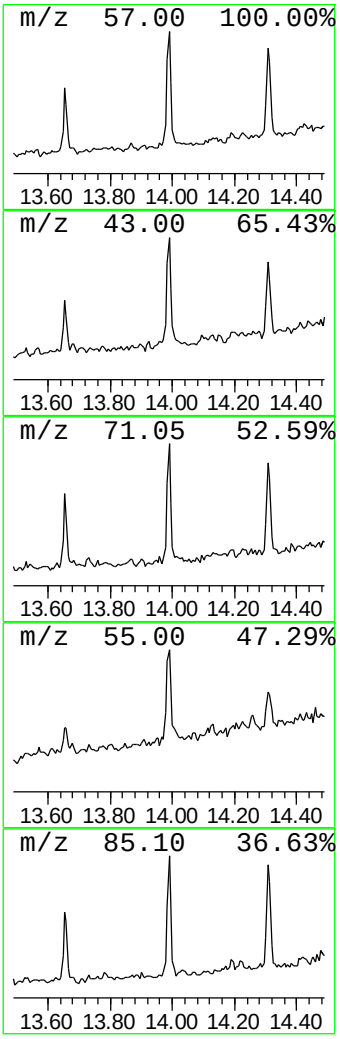
Peak Number 4 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.40 ng	337560	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Eicosane	282	C20H42	000112-95-8	91
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
5	1-Hexacosene	364	C26H52	018835-33-1	70





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Instrument :
BNA_F
ClientSampleId :
TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
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TIC Library : C:\DATABASE\NIST11.L
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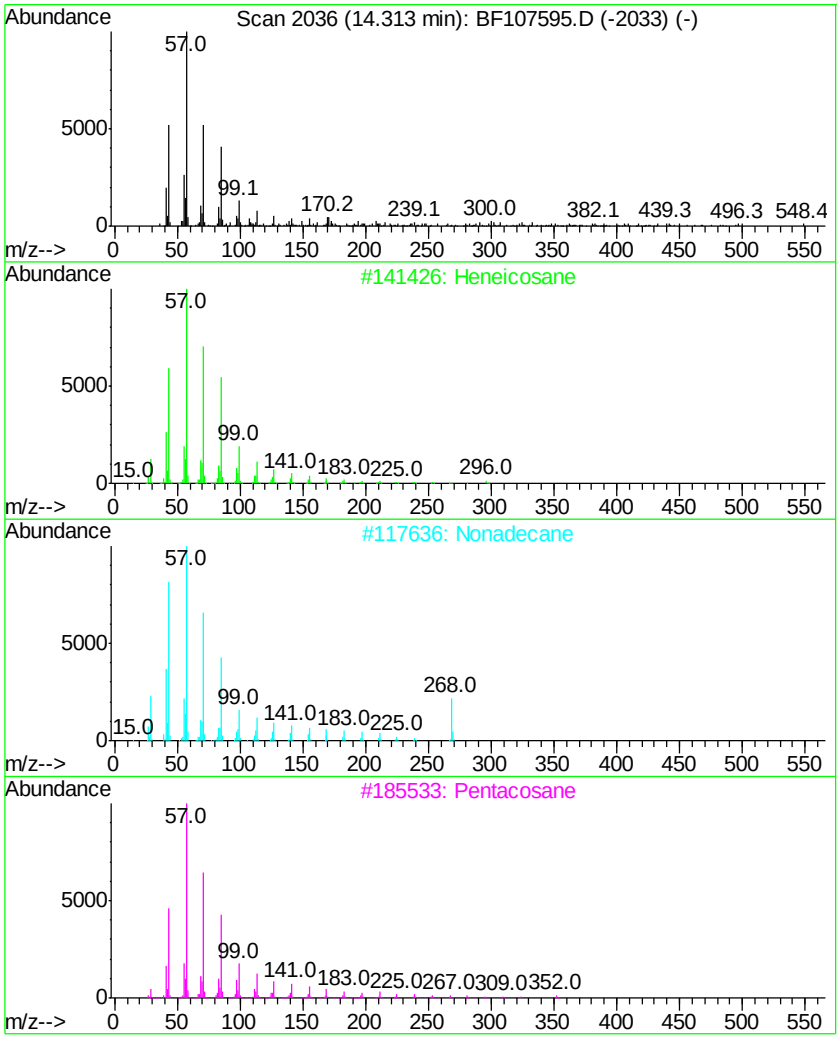
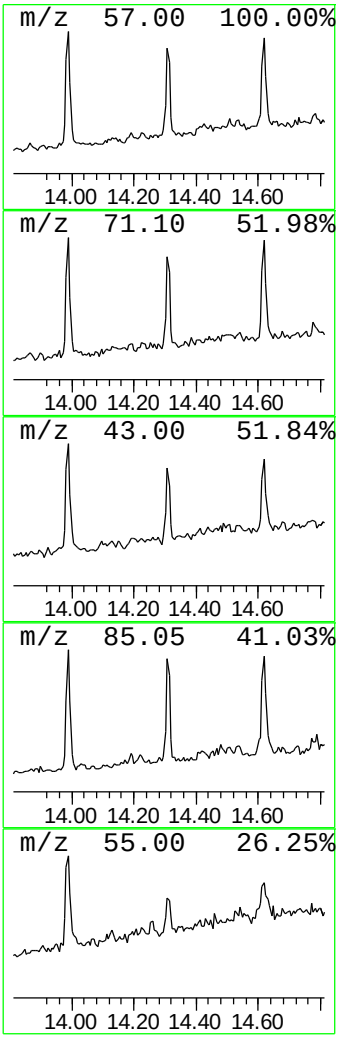
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	2.20 ng	168725	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Nonadecane	268	C19H40	000629-92-5	72
3	Pentacosane	352	C25H52	000629-99-2	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
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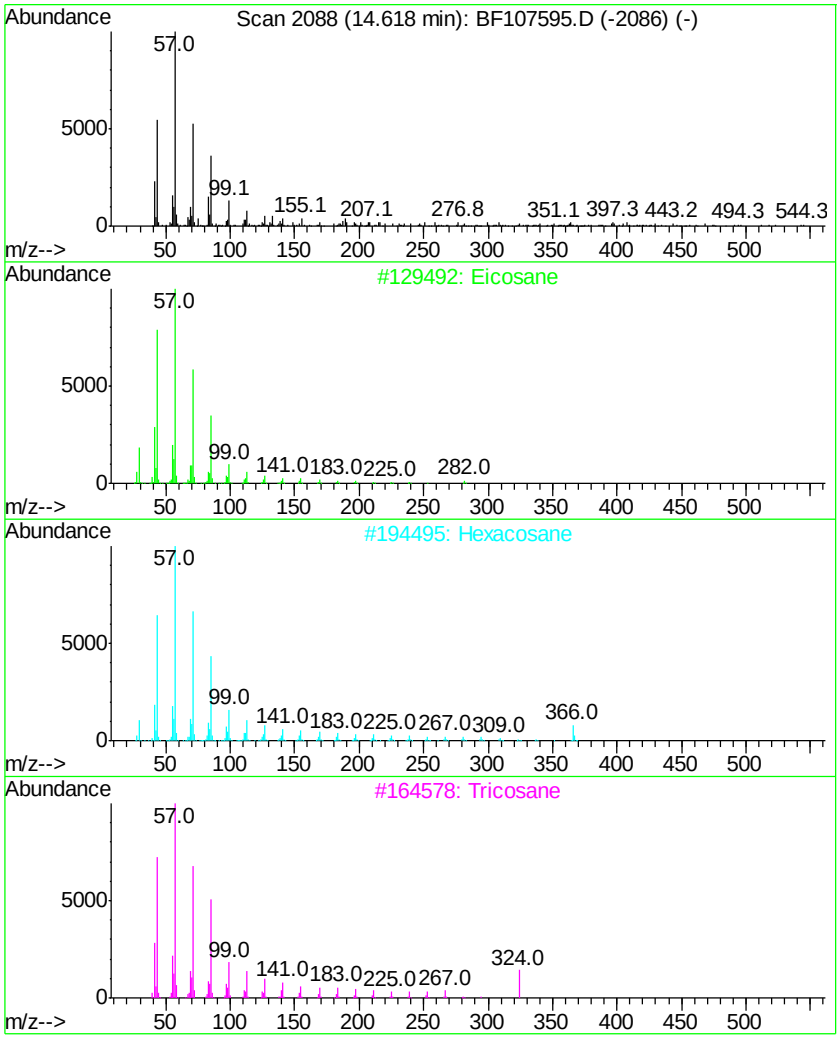
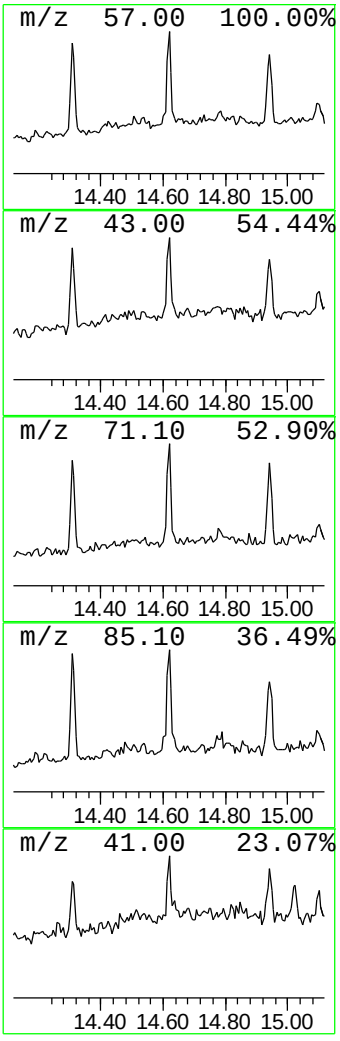
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.95 ng	225962	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Hexacosane	366	C26H54	000630-01-3	89
3	Tricosane	324	C23H48	000638-67-5	76
4	Docosane, 9-octyl-	422	C30H62	055319-83-0	76
5	Octadecane, 4-methyl-	268	C19H40	010544-95-3	68





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.22	13.3	ng	1071270	1	6.98	1614460	20.0
unknown6.75	6.75	71.2	ng	5744790	1	6.98	1614460	20.0
Tetradecane	13.99	4.4	ng	337560	5	14.18	1533780	20.0
Heneicosane	14.31	2.2	ng	168725	5	14.18	1533780	20.0
Eicosane	14.62	3.0	ng	225962	5	14.18	1533780	20.0