LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112552.D
Acq On : 13 Feb 2019 21:30
Operator : JU/SJ
Sample : K1458-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6

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-BF012519.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	5.057	501	505	518	rBV	51977	73968	3.92%	0.452%
2	5.475	572	576	598	rBV	1592937	1699125	89.94%	10.388%
3	6.487	744	748	766	rBV	1777969	1798140	95.18%	10.993%
4	6.616	766	770	784	rVB	2050943	1889275	100.00%	11.550%
5	6.834	804	807	814	rBV	603191	520851	27.57%	3.184%
6	6.992	830	834	844	rBV	1674113	1430830	75.73%	8.747%
7	7.398	900	903	915	rBV	1064505	1022899	54.14%	6.253%
8	8.122	1022	1026	1047	rVB	552888	611695	32.38%	3.740%
9	9.192	1204	1208	1219	rBV	1921208	1730222	91.58%	10.578%
10	9.586	1272	1275	1281	rBV	96329	96790	5.12%	0.592%
11	9.875	1320	1324	1336	rVB	600114	572636	30.31%	3.501%
12	10.669	1455	1459	1472	rBV	891000	919541	48.67%	5.622%
13	11.363	1574	1577	1589	rBV	521996	535219	28.33%	3.272%
14	11.880	1662	1665	1674	rBV	122405	154691	8.19%	0.946%
15	12.586	1782	1785	1788	rBV3	16123	22156	1.17%	0.135%
16	12.669	1796	1799	1803	rBV4	31016	42673	2.26%	0.261%
17	12.816	1821	1824	1828	rBV3	19929	24527	1.30%	0.150%
18	12.945	1842	1846	1855	rVB	1707082	1447027	76.59%	8.846%
19	13.510	1938	1942	1947	rBV8	30710	53113	2.81%	0.325%
20	13.627	1959	1962	1964	rBV4	16747	19859	1.05%	0.121%
21	13.833	1993	1997	2004	rBV	210562	309115	16.36%	1.890%
22	13.904	2006	2009	2012	rVB	90971	82476	4.37%	0.504%
23	14.016	2024	2028	2035	rBV	532614	554533	29.35%	3.390%
24	14.151	2049	2051	2054	rBV	41090	39200	2.07%	0.240%
25	14.457	2100	2103	2104	rBV	90421	80652	4.27%	0.493%
26	14.757	2152	2154	2157	rVB	79639	81933	4.34%	0.501%
27	15.092	2208	2211	2215	rBV	136234	160373	8.49%	0.980%
28	15.468	2273	2275	2277	rBV	60851	72837	3.86%	0.445%
29	15.498	2277	2280	2287	rVB	240969	311043	16.46%	1.902%

Sum of corrected areas: 16357399

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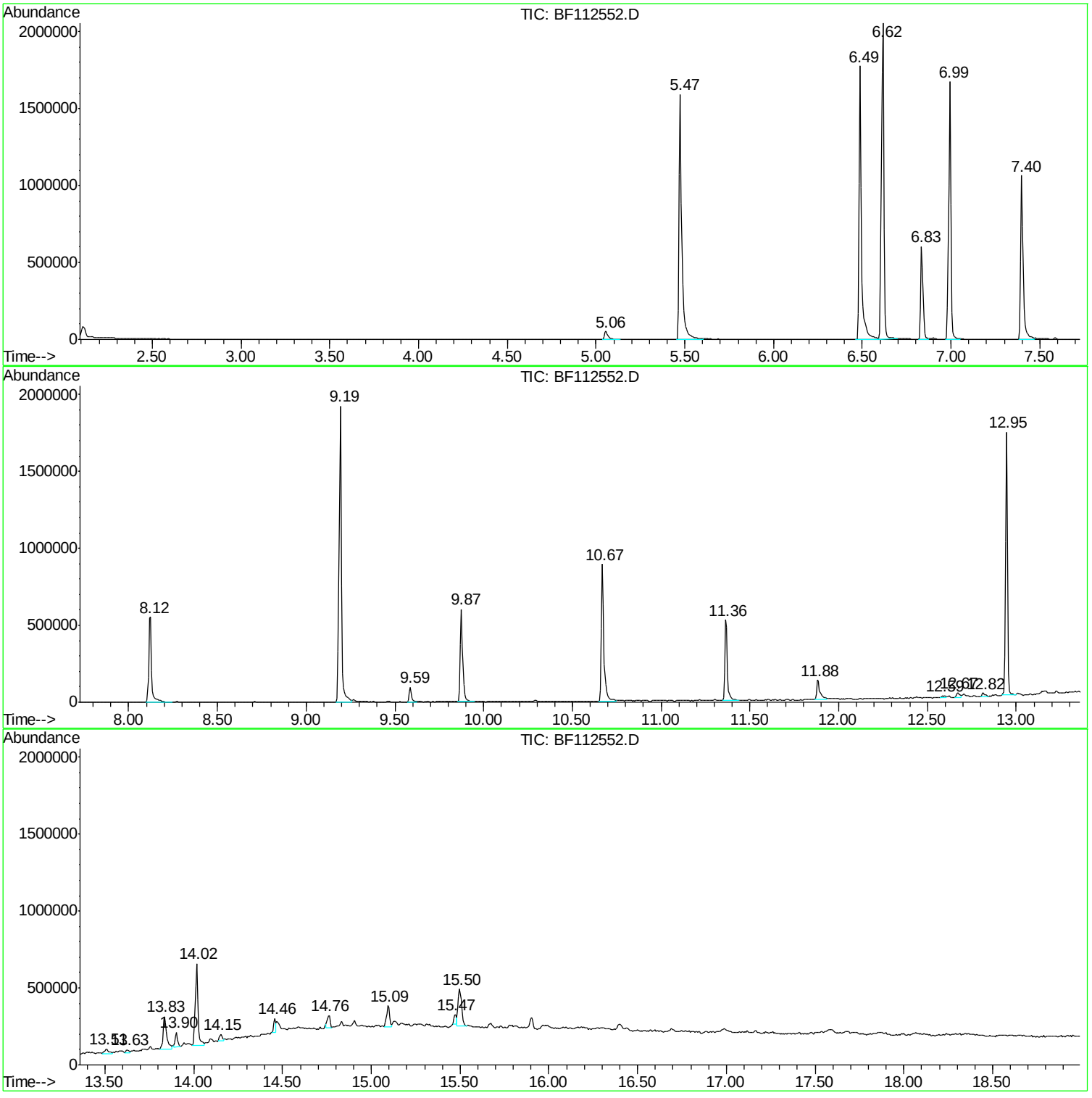
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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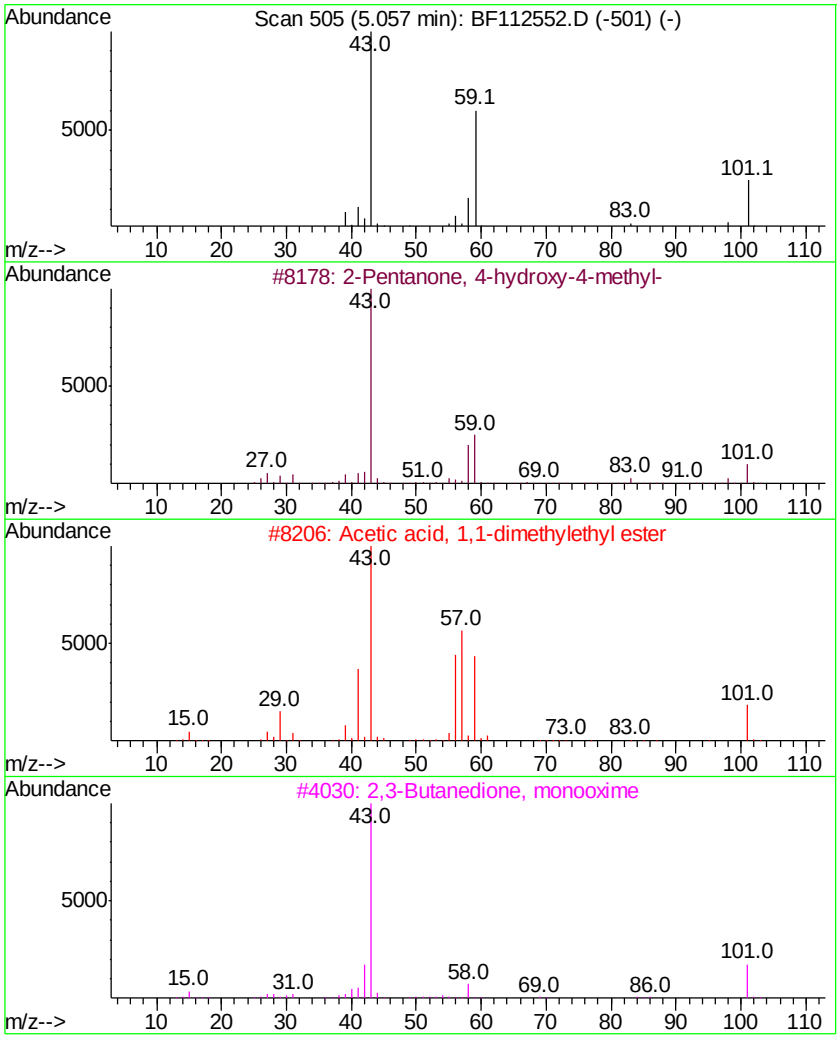
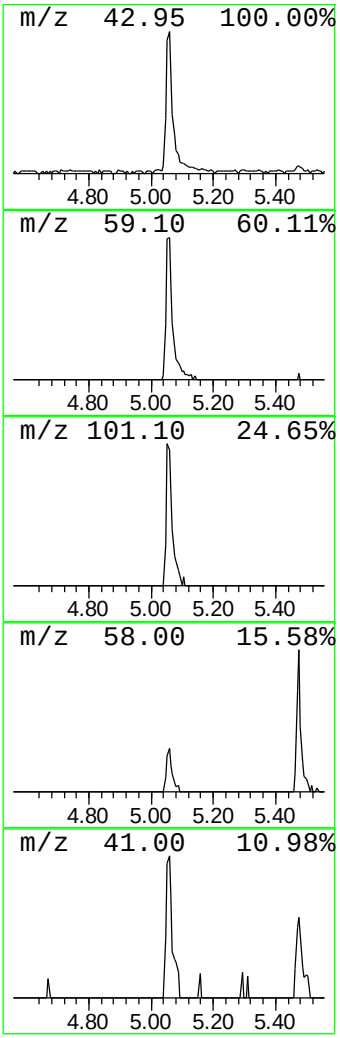
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	2.84 ng	73968	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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ClientSampleId : SB-6

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

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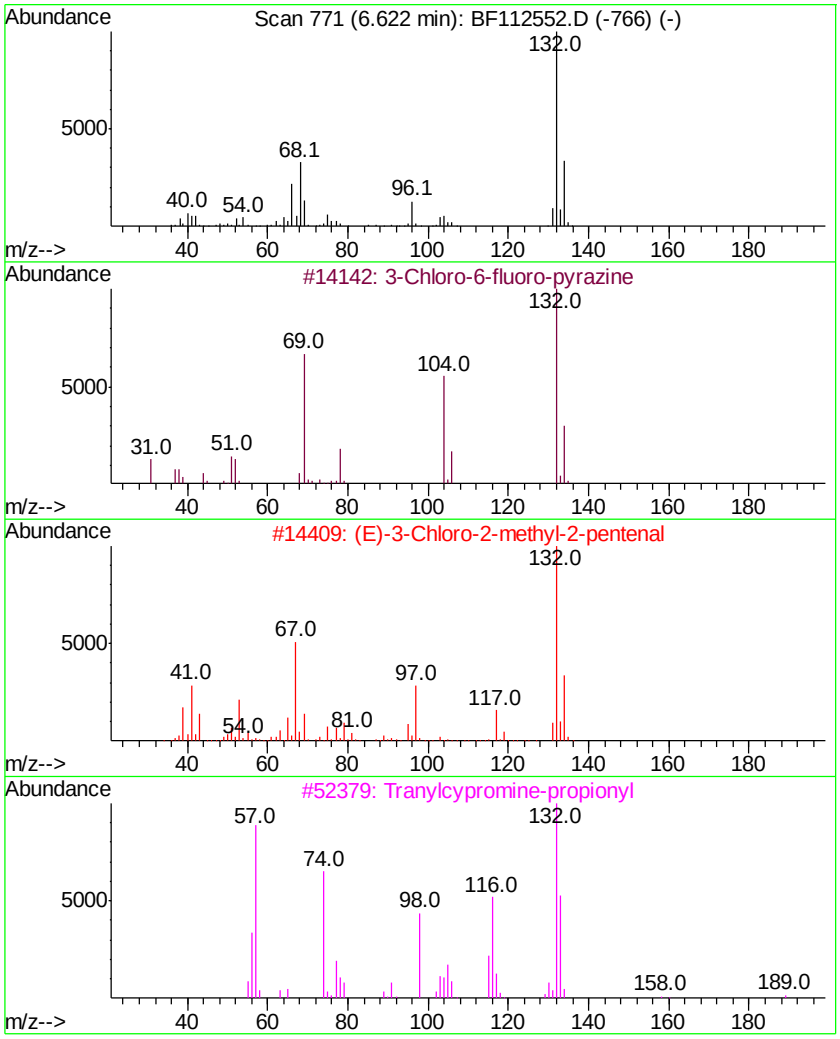
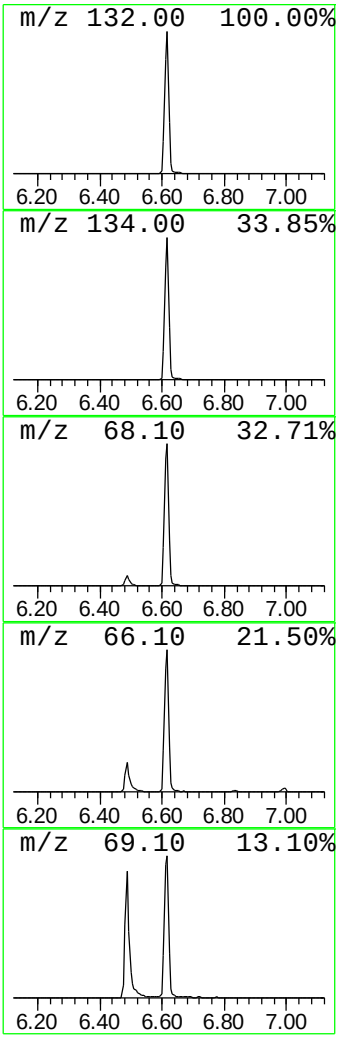
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	72.55 ng	1889280	1,4-Dichlorobenzene-d4	6.83

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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-6

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TIC Library : C:\DATABASE\NIST11.L
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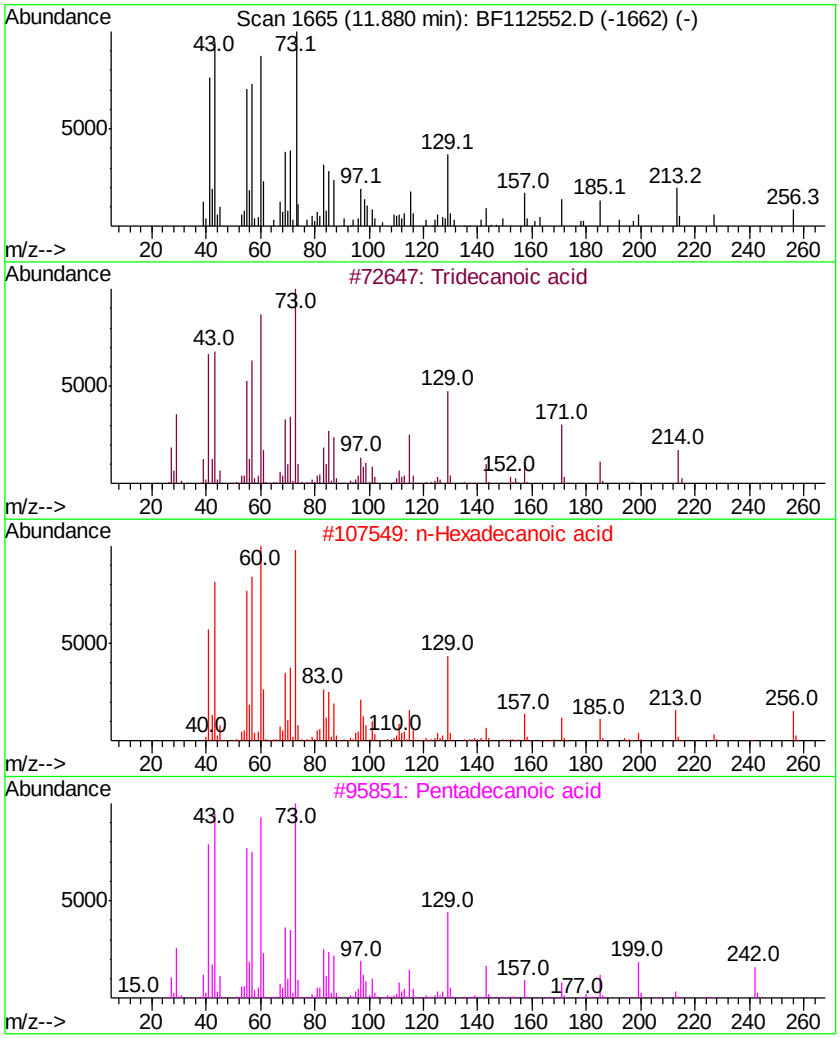
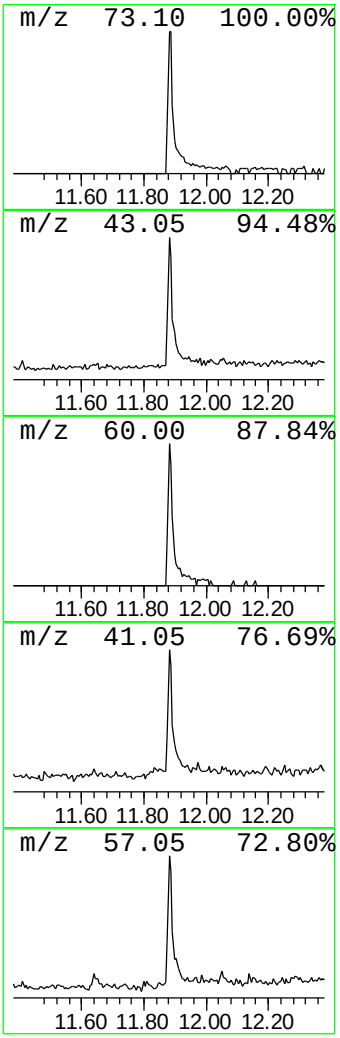
Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	5.78 ng	154691	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Nonanoic acid	158	C9H18O2	000112-05-0	43
5	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	25





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
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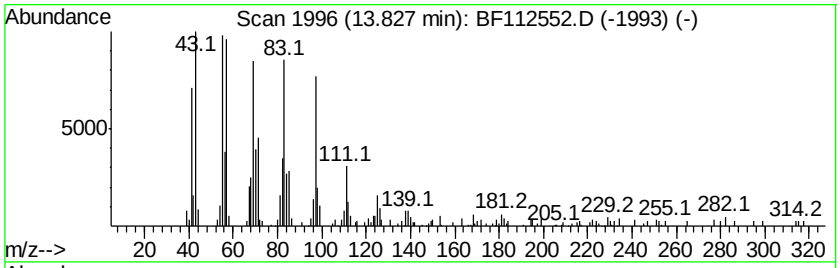
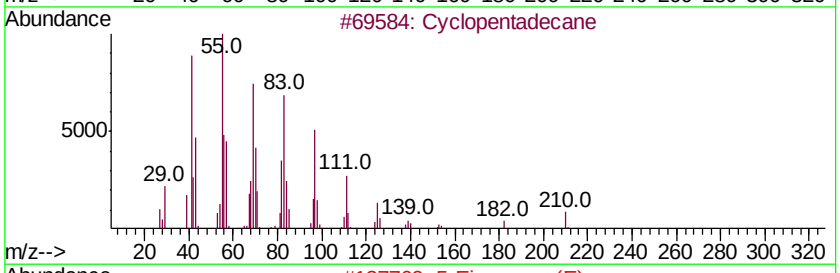
****

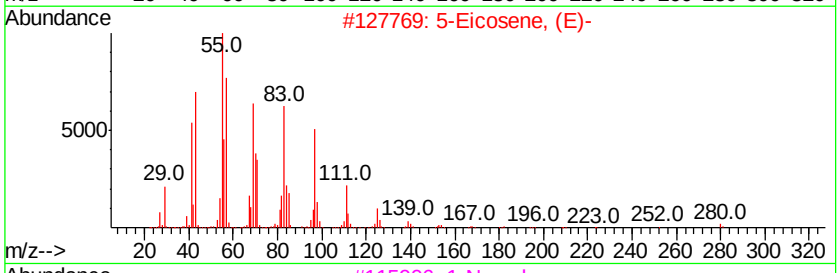
Peak Number 5 Cyclopentadecane Concentration Rank 3

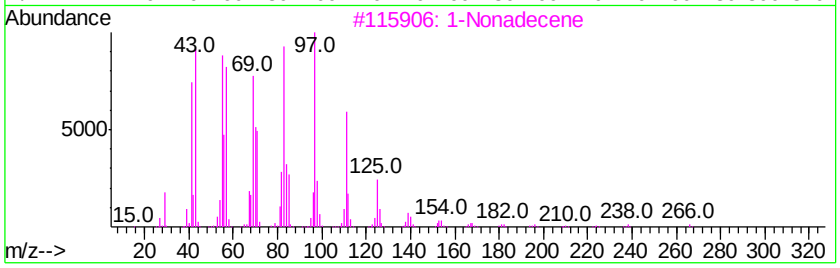
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	11.15 ng	309115	Chrysene-d12	14.02

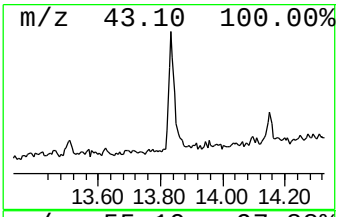
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	1-Nonadecene	266	C19H38	018435-45-5	96
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94

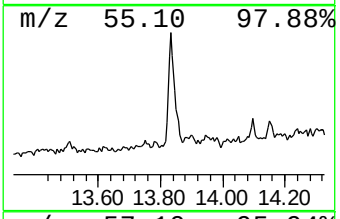


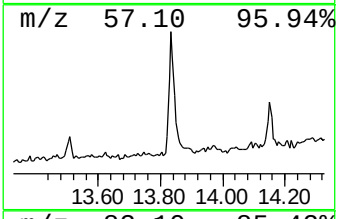


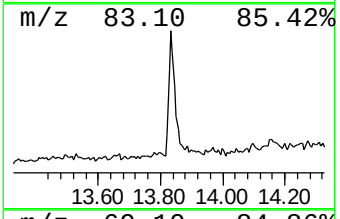


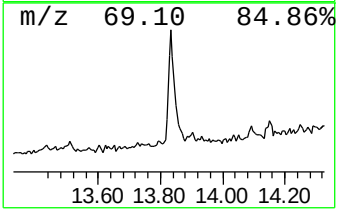












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Instrument : BNA_F
ClientSampleId : SB-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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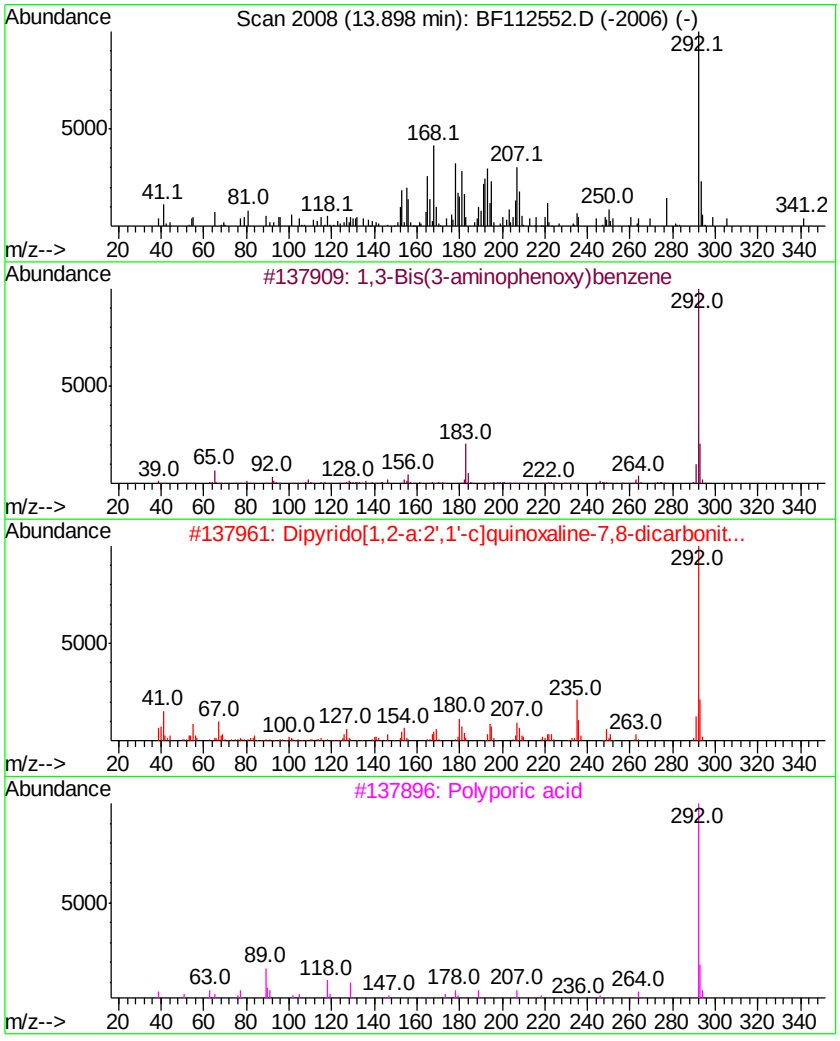
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

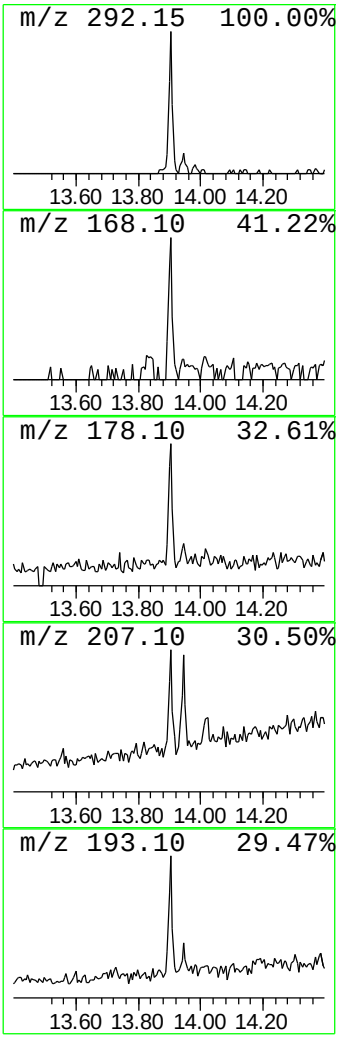
****

Peak Number 6 unknown13.90 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.97 ng	82476	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Bis(3-aminophenoxy)benzene	292	C18H16N2O2	010526-07-5	42
2	Dipyrido[1,2-a:2',1'-c]quinoxali...	292	C18H20N4	1000303-96-3	37
3	Polyporic acid	292	C18H12O4	000548-59-4	35
4	Benzonitrile, 2-[1,5-dihydro-3-(...	292	C16H12N4O2	1000349-81-5	35
5	1-Benzylpyrene	292	C23H16	042211-34-7	35





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

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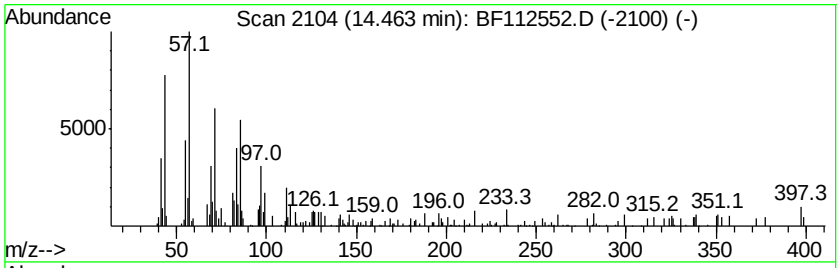
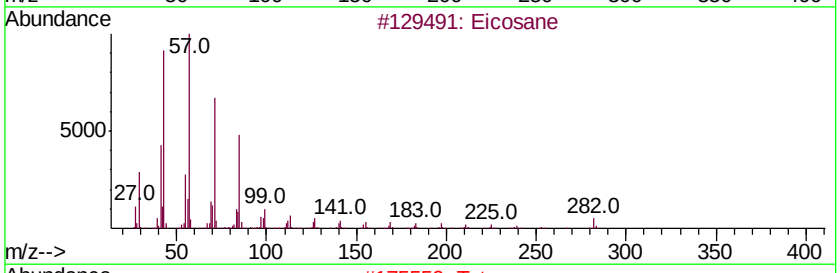
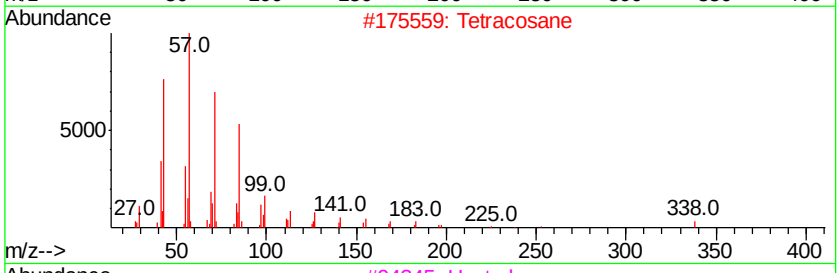
Peak Number 7 Eicosane Concentration Rank 8

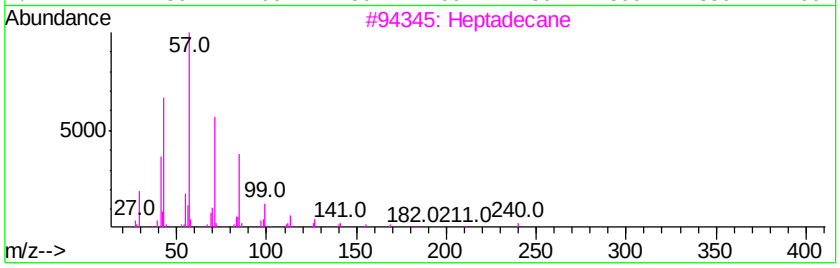
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.91 ng	80652	Chrysene-d12	14.02

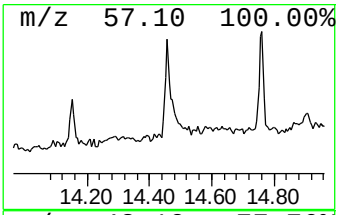
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tetracosane	338	C24H50	000646-31-1	95
3	Heptadecane	240	C17H36	000629-78-7	89
4	Hexacosane	366	C26H54	000630-01-3	83
5	Heneicosane	296	C21H44	000629-94-7	76

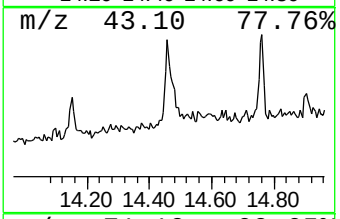


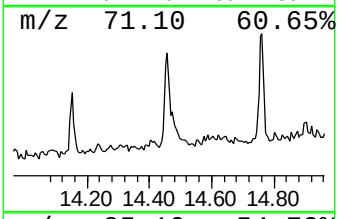


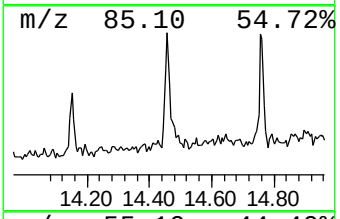


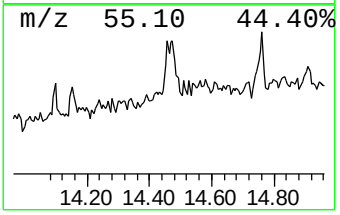












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TIC Library : C:\DATABASE\NIST11.L
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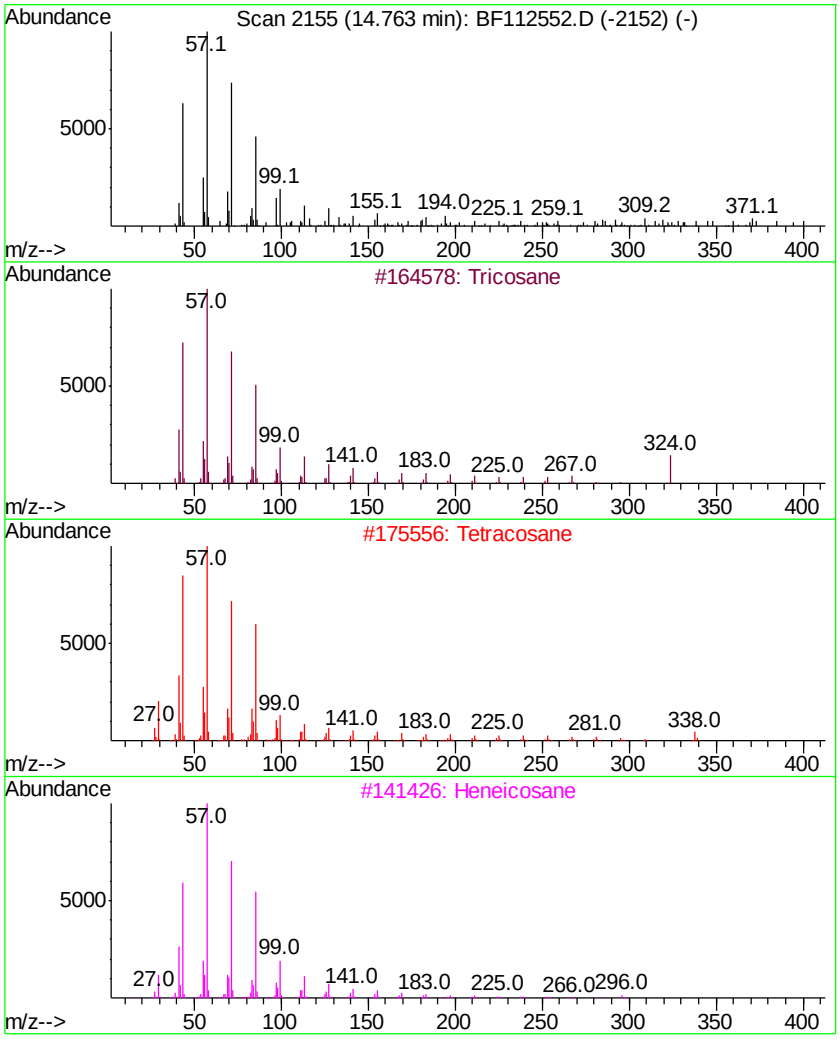
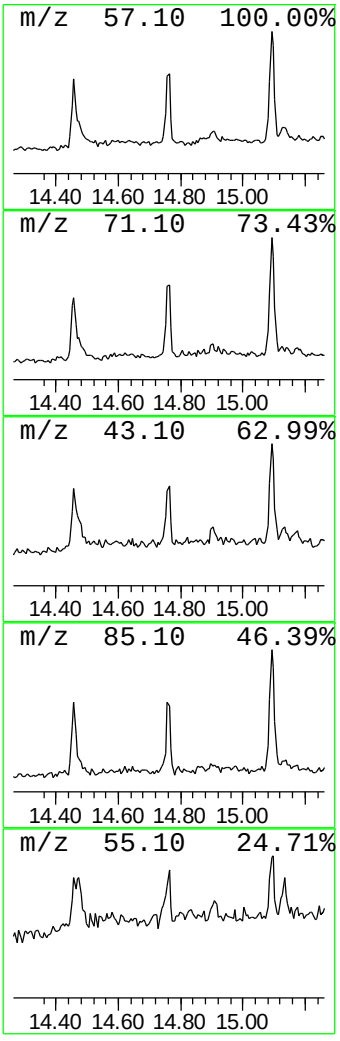
****

Peak Number 8 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.27 ng	81933	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	81
2	Tetracosane	338	C24H50	000646-31-1	76
3	Heneicosane	296	C21H44	000629-94-7	64
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	59
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112552.D
Acq On : 13 Feb 2019 21:30
Operator : JU/SJ
Sample : K1458-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
2-Pentanone, 4-hy...	5.06	2.8	ng	73968	1	6.83	520851	20.0
unknown6.62	6.62	72.5	ng	1889280	1	6.83	520851	20.0
Tridecanoic acid	11.88	5.8	ng	154691	4	11.36	535219	20.0
Cyclopentadecane	13.83	11.2	ng	309115	5	14.02	554533	20.0
unknown13.90	13.90	3.0	ng	82476	5	14.02	554533	20.0
Eicosane	14.46	2.9	ng	80652	5	14.02	554533	20.0
Tricosane	14.76	5.3	ng	81933	6	15.50	311043	20.0