LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118326.D
Acq On : 26 Dec 2019 19:47
Operator : JU
Sample : K6437-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-1-(1-3)

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-BF122419.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	5.051	500	504	519	rVB	419096	476836	15.02%	1.651%
2	5.463	570	574	594	rBV	2402112	2284969	71.97%	7.913%
3	6.481	743	747	767	rBV	2474271	2555140	80.48%	8.849%
4	6.622	767	771	774	rBV	3085724	2642955	83.25%	9.153%
5	6.851	806	810	817	rBV	881362	730593	23.01%	2.530%
6	7.004	833	836	840	rBV	2349632	2028783	63.90%	7.026%
7	7.416	901	906	917	rBV	1695492	1530008	48.19%	5.299%
8	8.139	1025	1029	1044	rBV	1004555	968844	30.52%	3.355%
9	9.216	1208	1212	1215	rBV	3922870	3146761	99.12%	10.898%
10	9.610	1276	1279	1287	rBV	108176	95015	2.99%	0.329%
11	9.898	1324	1328	1337	rBV	1400003	1169814	36.85%	4.051%
12	10.692	1459	1463	1477	rBV	2468876	2219876	69.92%	7.688%
13	11.392	1578	1582	1585	rBV	1420678	1205873	37.98%	4.176%
14	11.416	1585	1586	1590	rVB	81219	43477	1.37%	0.151%
15	11.916	1667	1671	1679	rBV	335875	364680	11.49%	1.263%
16	12.610	1785	1789	1794	rBV	119154	131265	4.13%	0.455%
17	12.704	1802	1805	1811	rBV2	71760	109853	3.46%	0.380%
18	12.839	1823	1828	1832	rBV	98083	108678	3.42%	0.376%
19	12.980	1848	1852	1855	rBV	3775264	3174693	100.00%	10.994%
20	13.874	2001	2004	2016	rVB2	430450	691799	21.79%	2.396%
21	14.045	2029	2033	2036	rBV	1086054	1022528	32.21%	3.541%
22	14.504	2108	2111	2114	rBV3	91141	109841	3.46%	0.380%
23	14.886	2173	2176	2194	rVB2	449713	714692	22.51%	2.475%
24	15.157	2219	2222	2224	rBV	94415	126671	3.99%	0.439%
25	15.533	2282	2286	2294	rVB	891730	1221879	38.49%	4.232%

Sum of corrected areas: 28875523

LSC Report - Integrated Chromatogram

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Misc :
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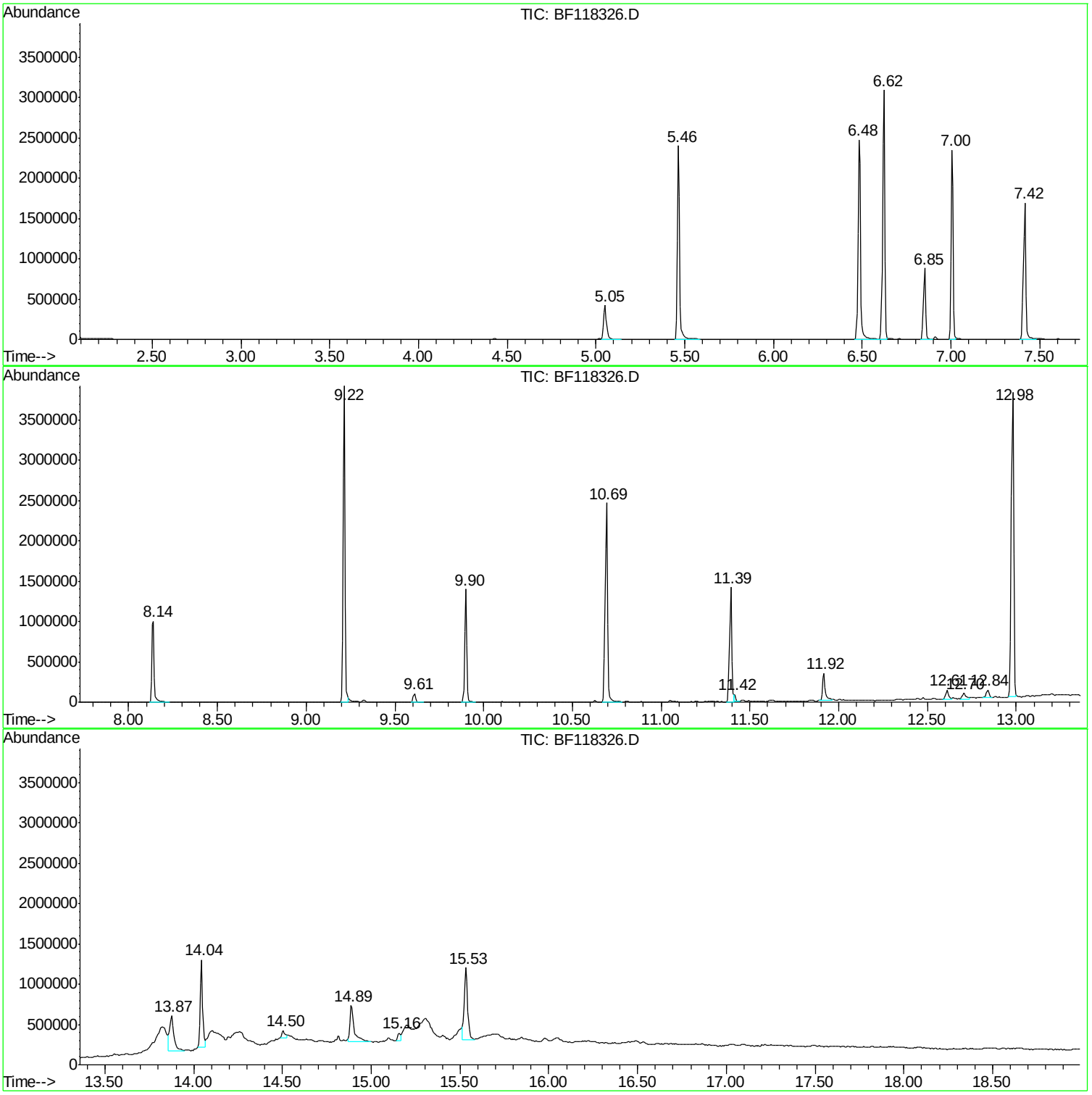
Instrument :
BNA_F
ClientSampleId :
GP-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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Data File : BF118326.D
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Operator : JU
Sample : K6437-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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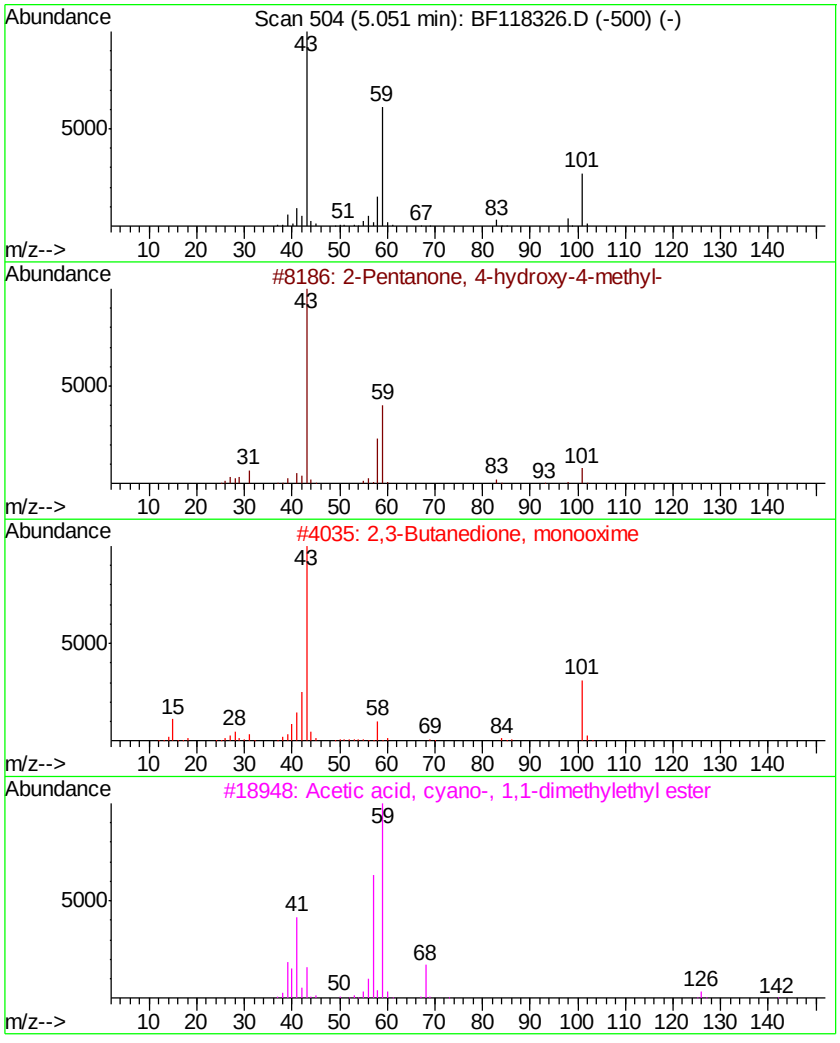
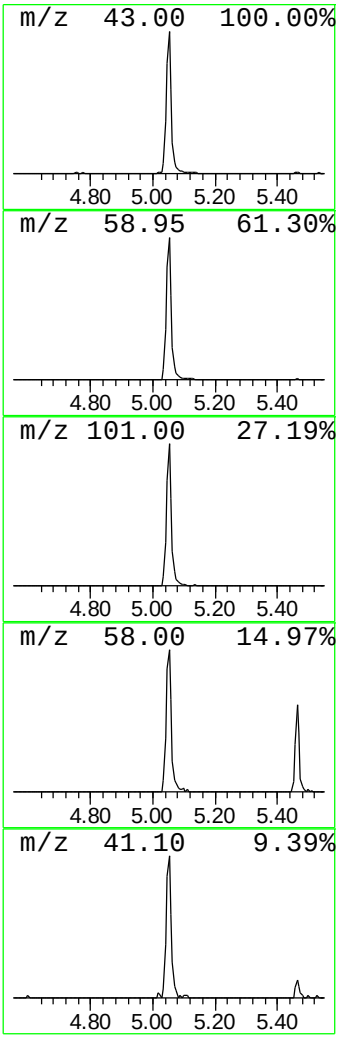
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	13.05 ng	476836	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Operator : JU
Sample : K6437-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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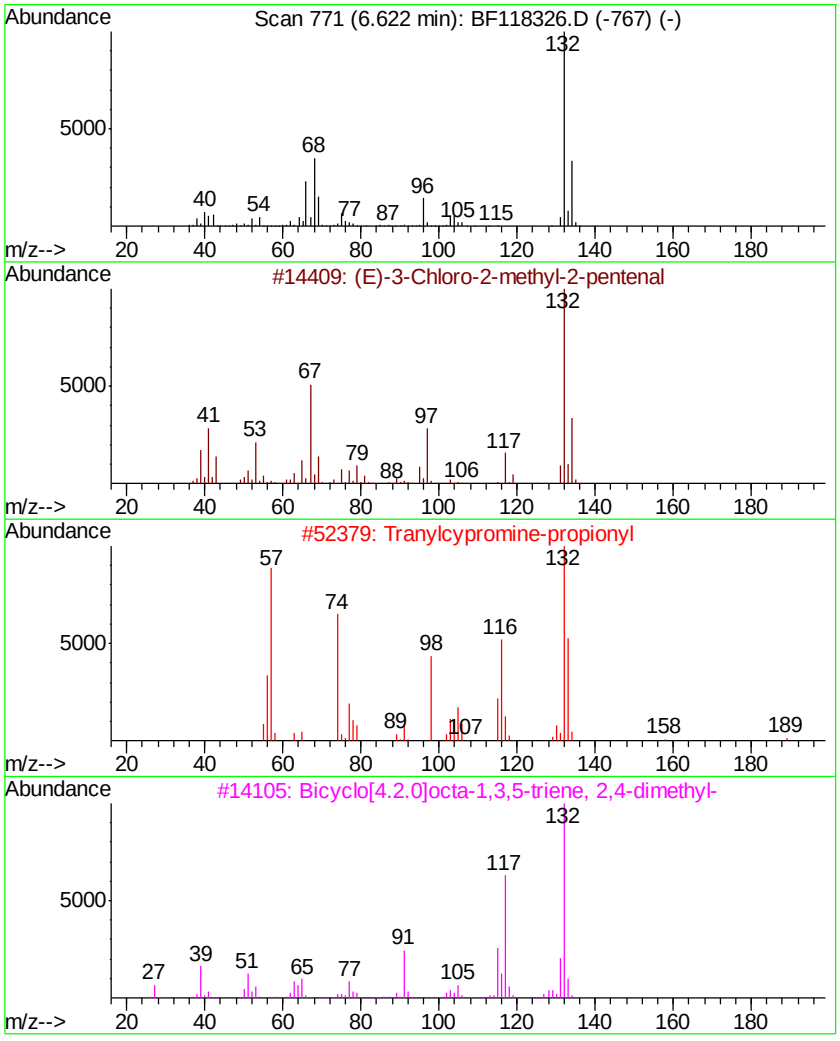
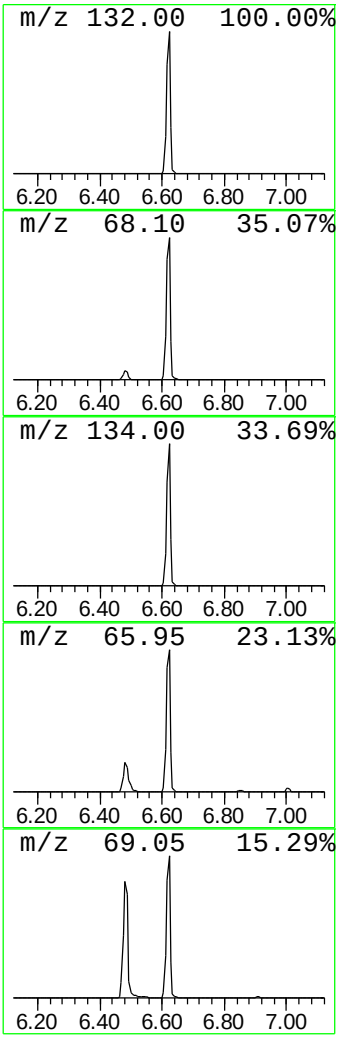
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	72.35 ng	2642960	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : JU
Sample : K6437-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-1-(1-3)

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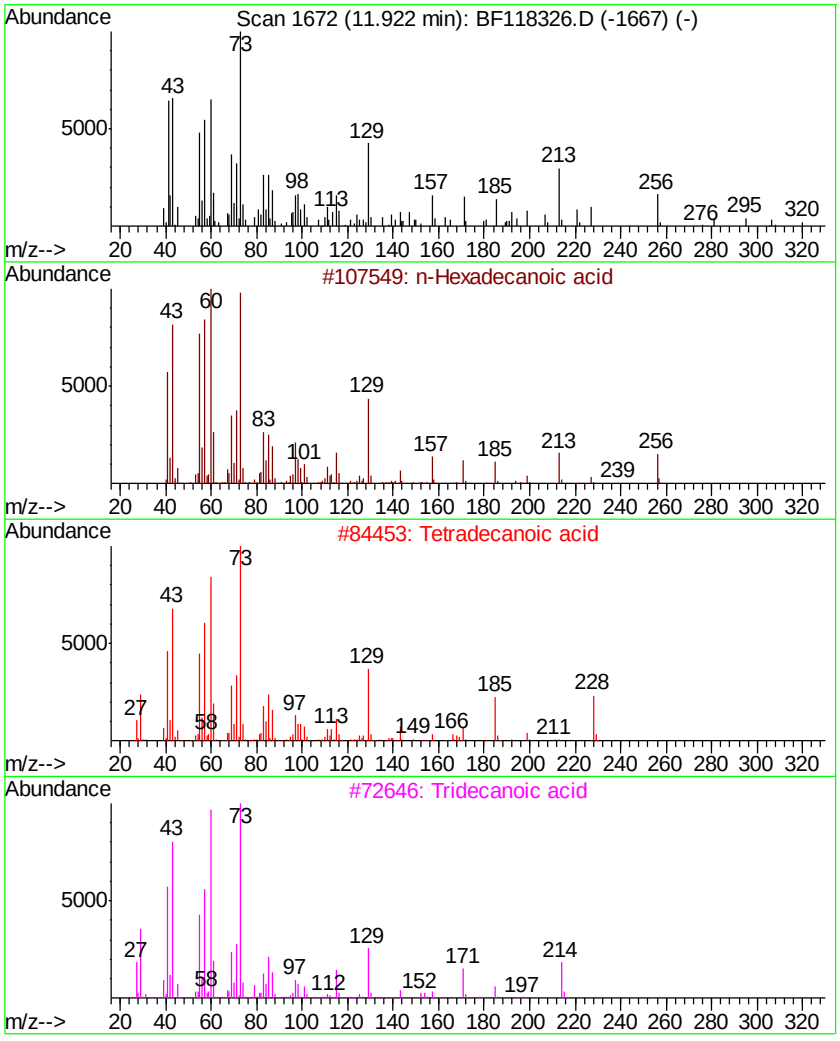
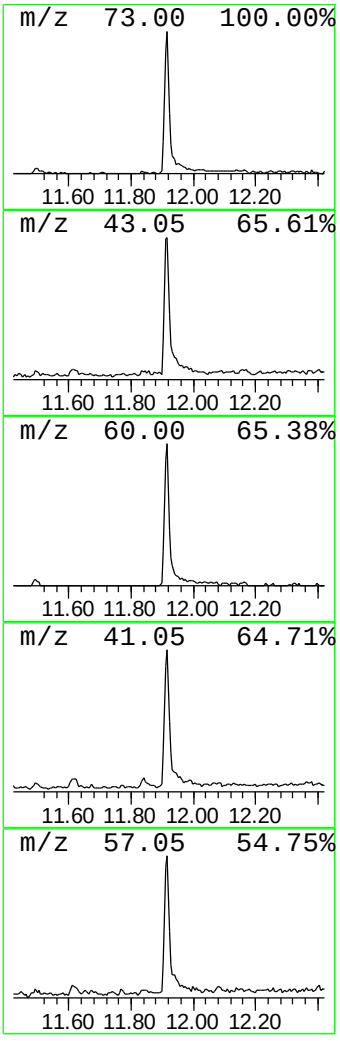
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	6.05 ng	364680	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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Instrument : BNA_F
ClientSampleId : GP-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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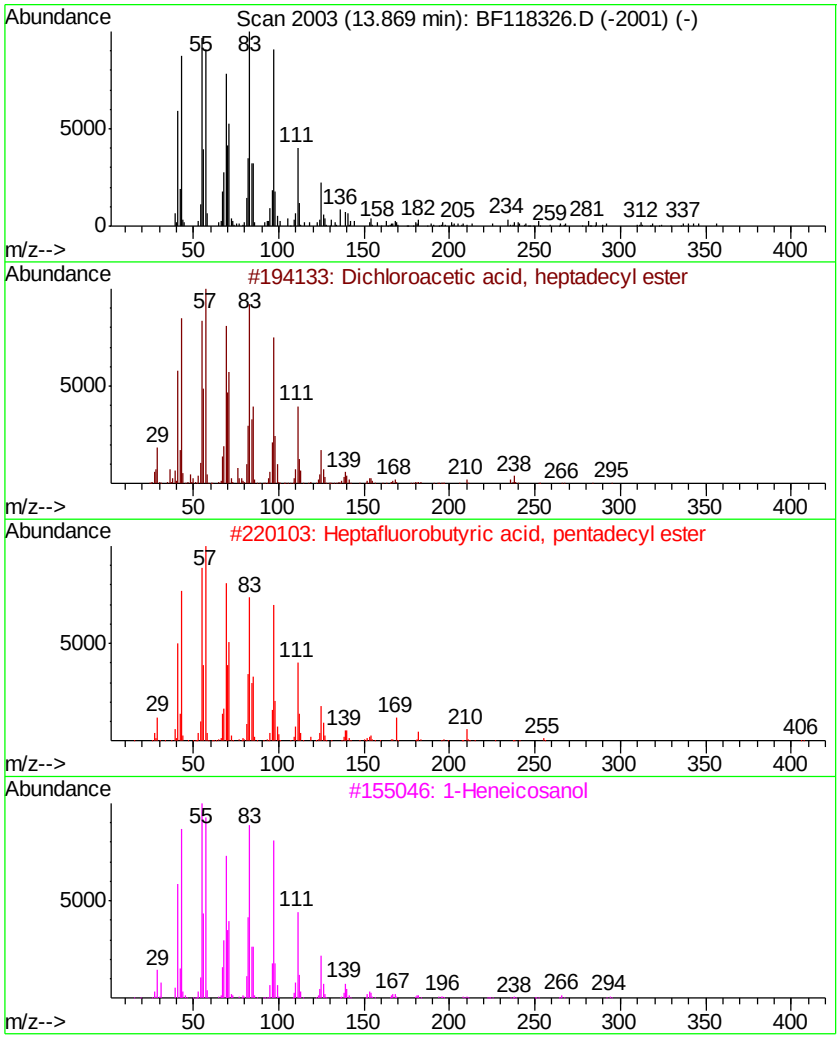
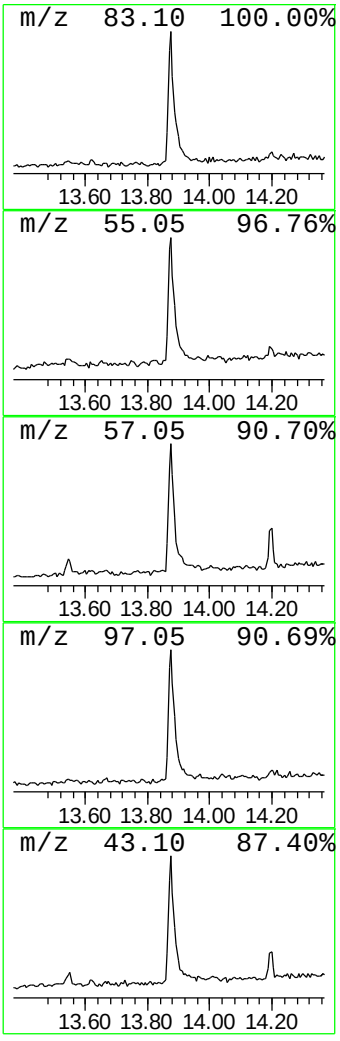
Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	13.53 ng	691799	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





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Instrument : BNA_F
ClientSampleId : GP-1-(1-3)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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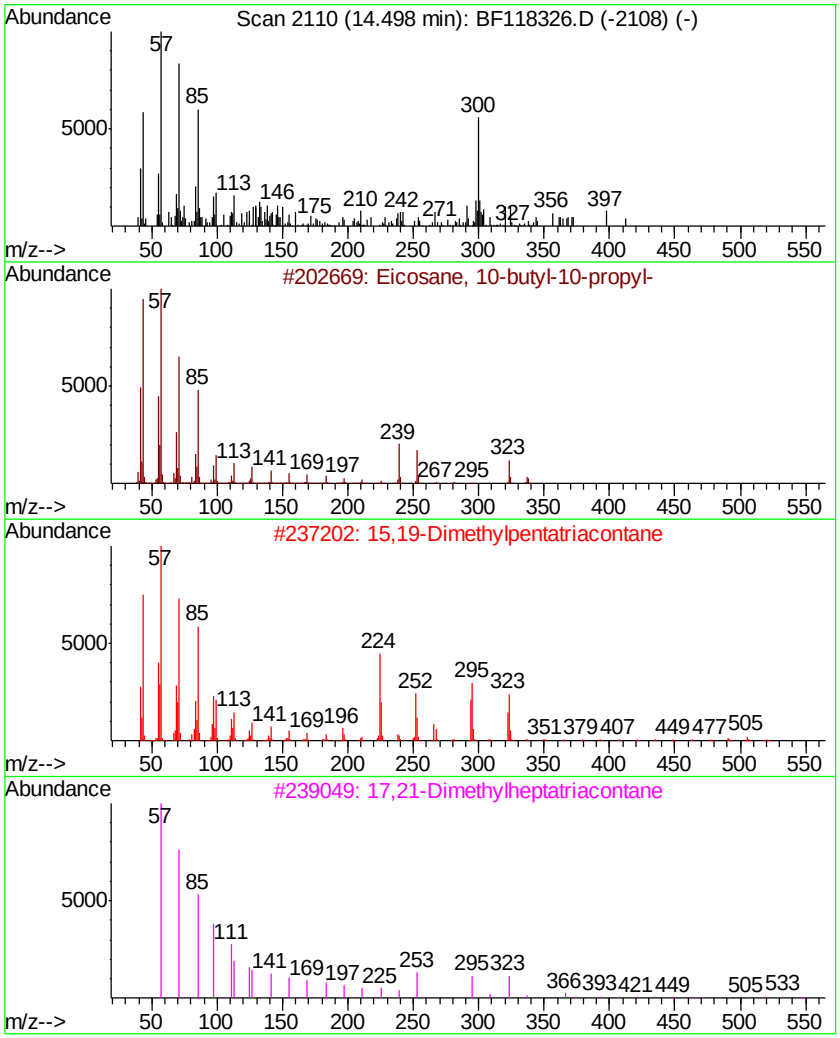
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

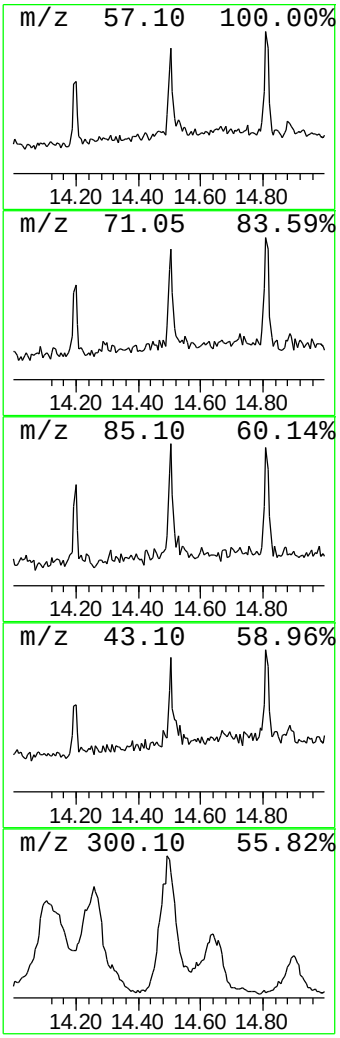
****

Peak Number 8 unknown14.50 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.15 ng	109841	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-butyl-10-propyl-	380	C27H56	055282-33-2	46
2	15,19-Dimethylpentatriacontane	521	C37H76	056987-86-1	37
3	17,21-Dimethylheptatriacontane	549	C39H80	067979-79-7	25
4	3-Amino-4-butyryl-5-phenyl-2,4-c...	302	C18H14N4O	1000326-93-7	23
5	Fumaric acid, heptadecyl tetrahy...	438	C26H46O5	1000330-59-0	17





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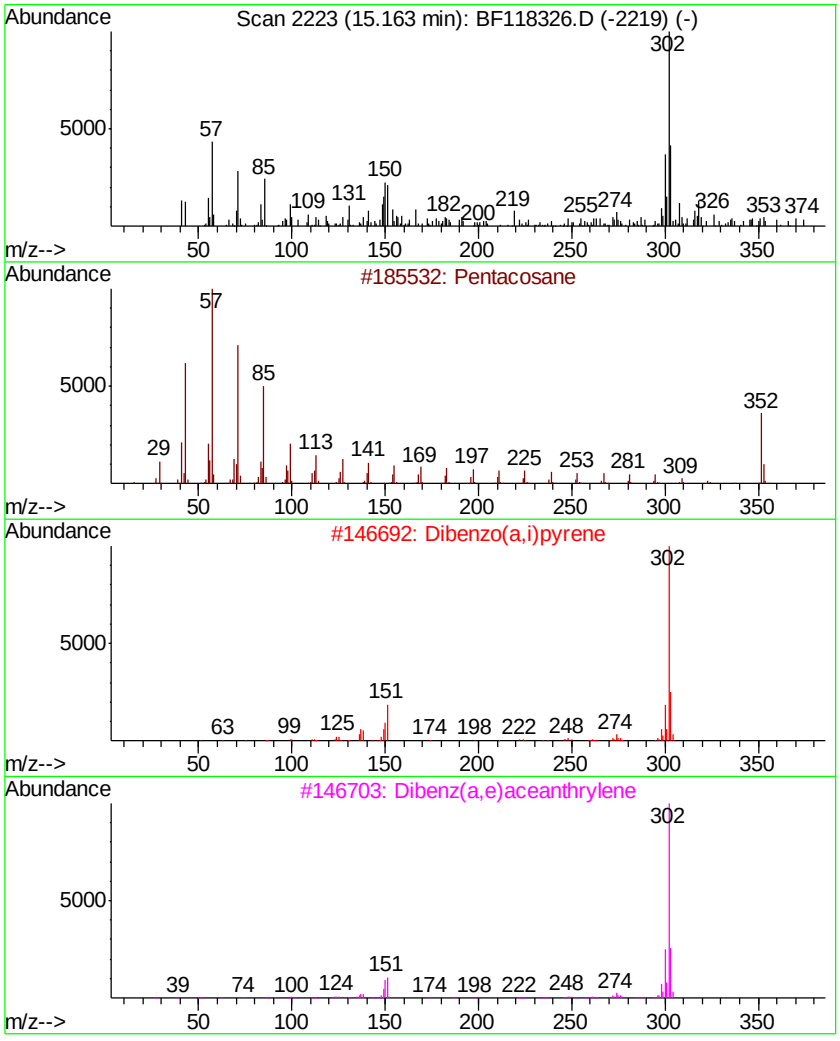
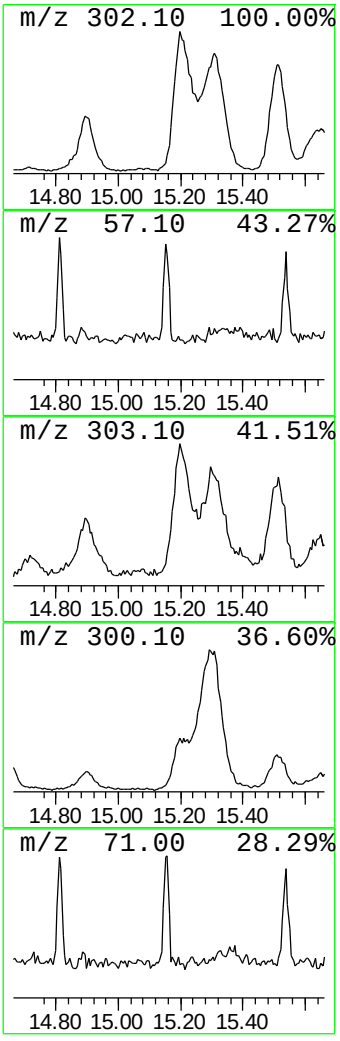
Peak Number 10 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.07 ng	126671	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	55
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	38
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	38
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	30
5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	25





Tentatively Identified Compound (LSC) summary

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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...	5.05	13.1	ng	476836	1	6.85	730593	20.0
unknown6.62	6.62	72.3	ng	2642960	1	6.85	730593	20.0
n-Hexadecanoic acid	11.92	6.0	ng	364680	4	11.39	1205870	20.0
Dichloroacetic ac...	13.87	13.5	ng	691799	5	14.05	1022530	20.0
unknown14.50	14.50	2.1	ng	109841	5	14.05	1022530	20.0
Pentacosane	15.16	2.1	ng	126671	6	15.53	1221880	20.0