LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108447.D
Acq On : 24 Aug 2018 4:10
Operator : JU/SJ
Sample : J4559-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081718-FL-046

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-BF080818.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	2.372	3	6	17	rVB	407867	564039	12.64%	1.592%
2	5.260	493	497	507	rBV	138332	207212	4.64%	0.585%
3	5.637	555	561	564	rBV	3559849	4013530	89.91%	11.328%
4	6.631	723	730	740	rBV	3474962	4463951	100.00%	12.599%
5	6.772	749	754	757	rBV	3975903	4225027	94.65%	11.924%
6	7.001	789	793	796	rBV	1043052	871253	19.52%	2.459%
7	7.160	815	820	823	rBV	3172115	2953822	66.17%	8.337%
8	7.566	883	889	892	rBV	2630529	2669794	59.81%	7.535%
9	8.283	1006	1011	1014	rBV	1243940	1050447	23.53%	2.965%
10	9.360	1188	1194	1197	rBV	4690845	4302266	96.38%	12.142%
11	9.748	1256	1260	1263	rBV	744217	639835	14.33%	1.806%
12	10.042	1303	1310	1317	rBV	1197373	1188462	26.62%	3.354%
13	10.448	1376	1379	1382	rBV3	58288	52646	1.18%	0.149%
14	10.671	1414	1417	1420	rBV2	41578	54188	1.21%	0.153%
15	10.836	1441	1445	1449	rBV	2298108	2344042	52.51%	6.616%
16	10.942	1459	1463	1470	rVB3	111241	159018	3.56%	0.449%
17	11.407	1539	1542	1549	rBV	227025	247083	5.54%	0.697%
18	11.542	1561	1565	1568	rBV	1017108	949047	21.26%	2.679%
19	11.760	1599	1602	1605	rBV	140681	143431	3.21%	0.405%
20	12.713	1761	1764	1767	rBV2	169848	178865	4.01%	0.505%
21	13.130	1831	1835	1838	rBV	3090183	2787200	62.44%	7.866%
22	14.195	2012	2016	2020	rVB	806958	717607	16.08%	2.025%
23	15.748	2276	2280	2286	rVB	467656	648918	14.54%	1.831%

Sum of corrected areas: 35431683

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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Misc :
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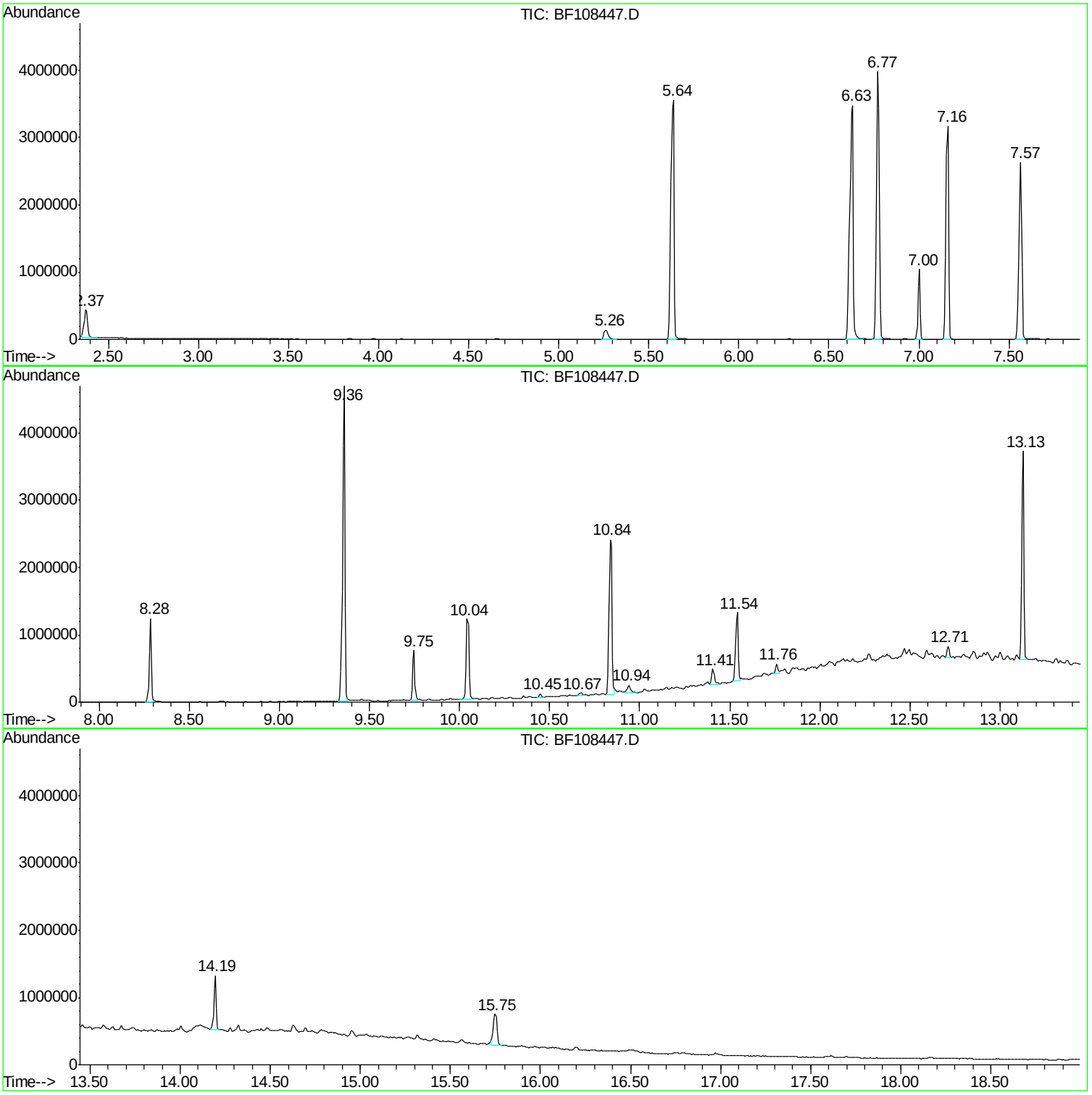
Instrument :
BNA_F
ClientSampleId :
RA-081718-FL-046

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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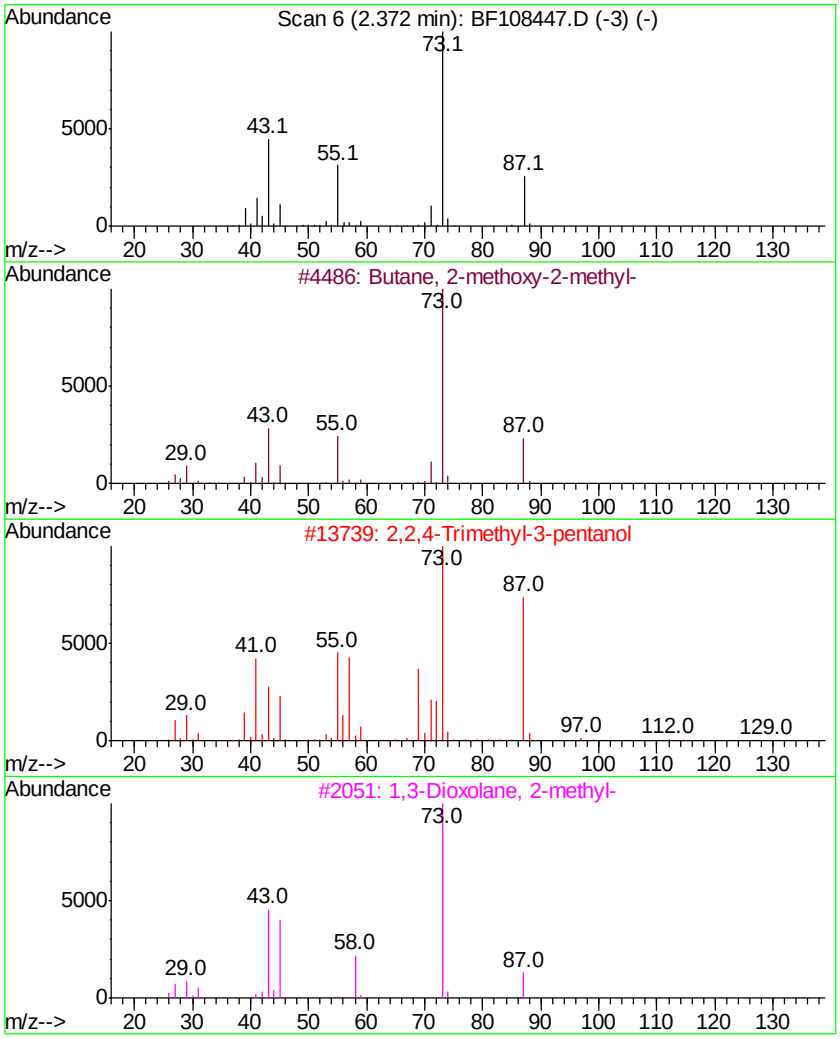
TIC Integration Parameters: LSCINT.P

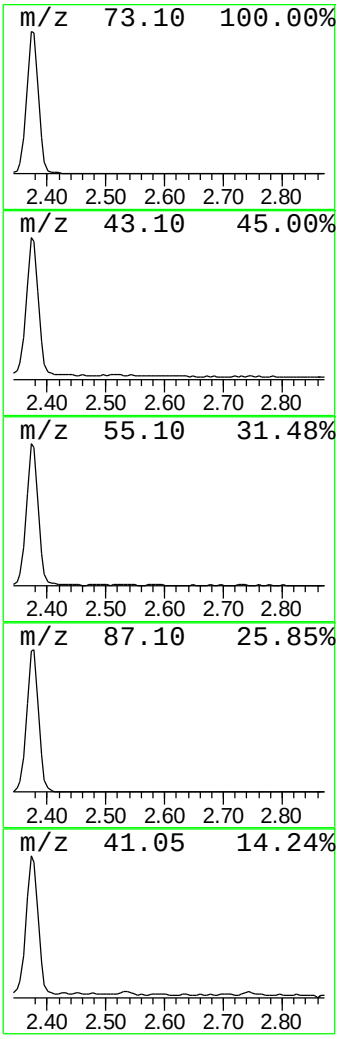
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	12.95 ng	564039	1,4-Dichlorobenzene-d4	7.00

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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Instrument : BNA_F
ClientSampleId : RA-081718-FL-046

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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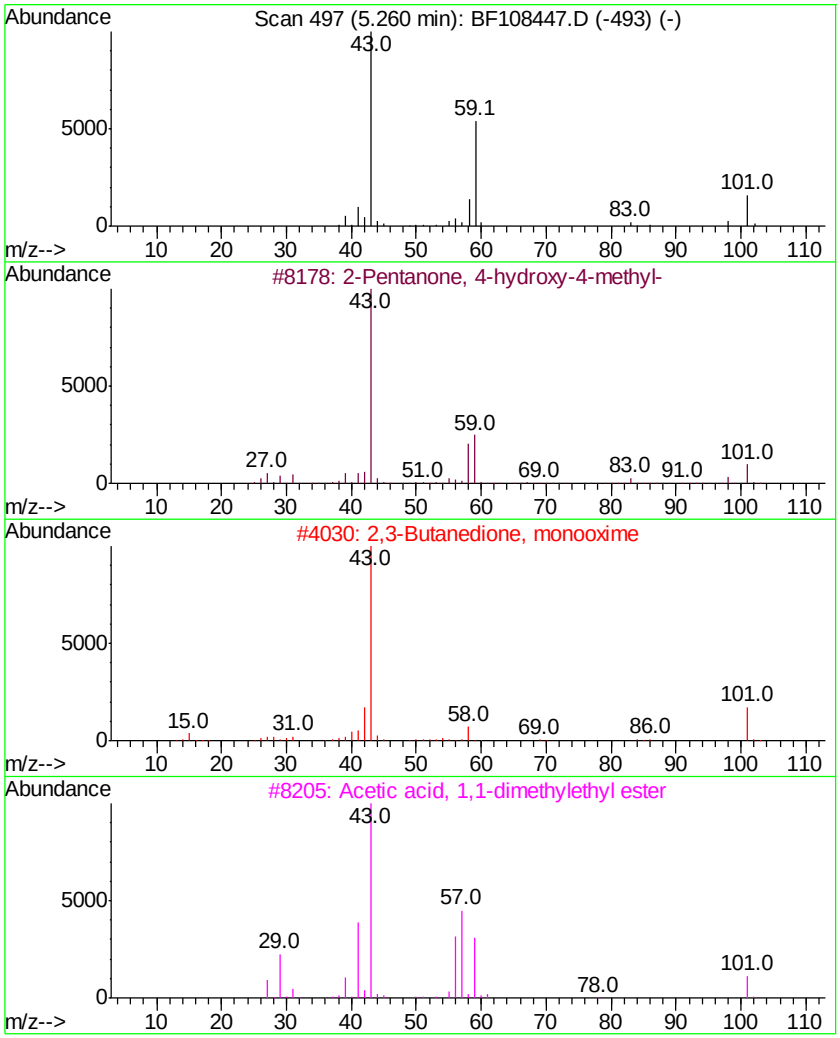
TIC Integration Parameters: LSCINT.P

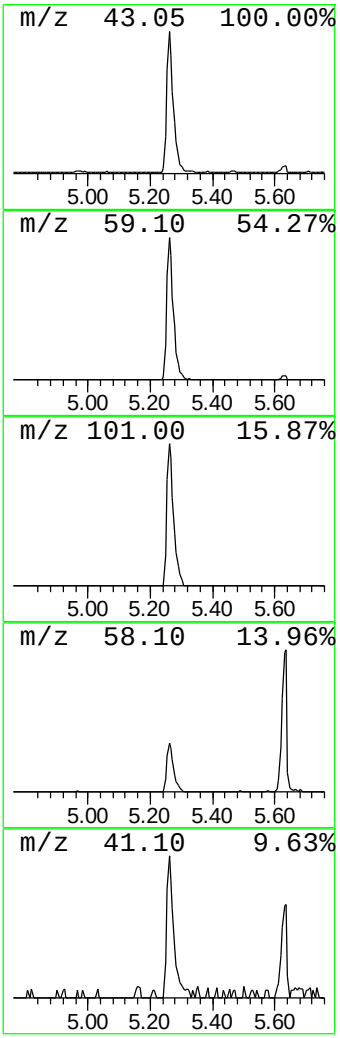
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	4.76 ng	207212	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	30
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Library Search Compound Report

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Data File : BF108447.D
Acq On : 24 Aug 2018 4:10
Operator : JU/SJ
Sample : J4559-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081718-FL-046

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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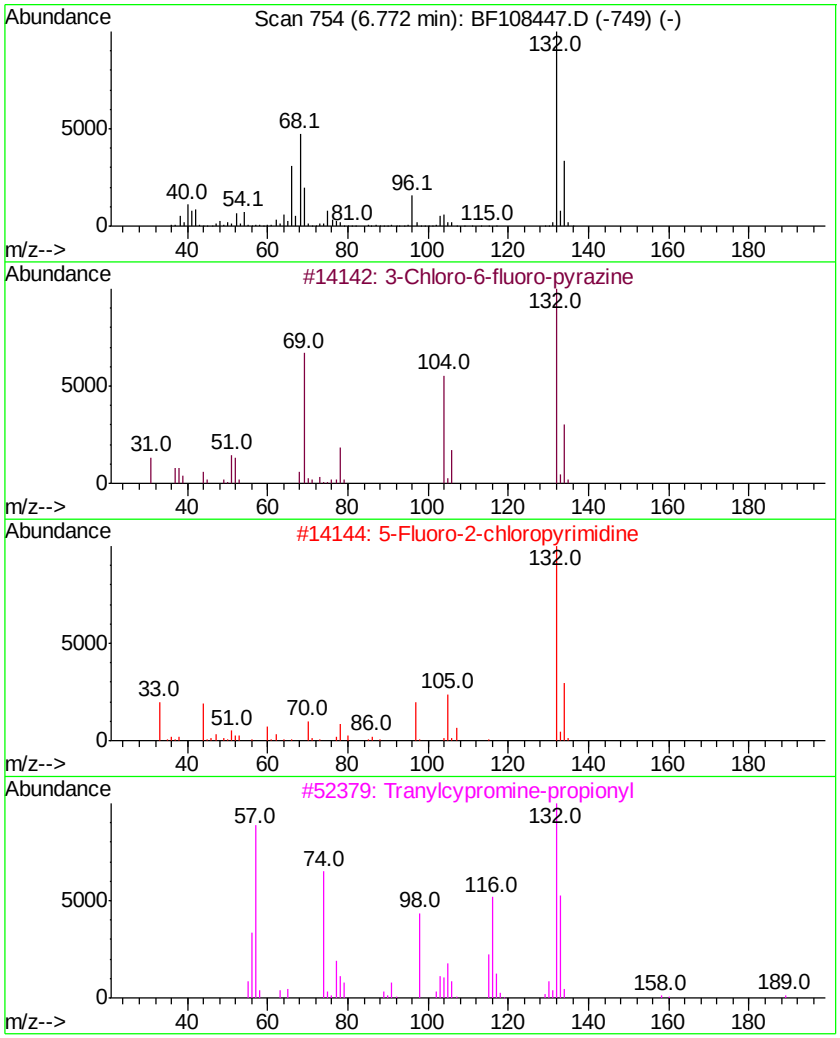
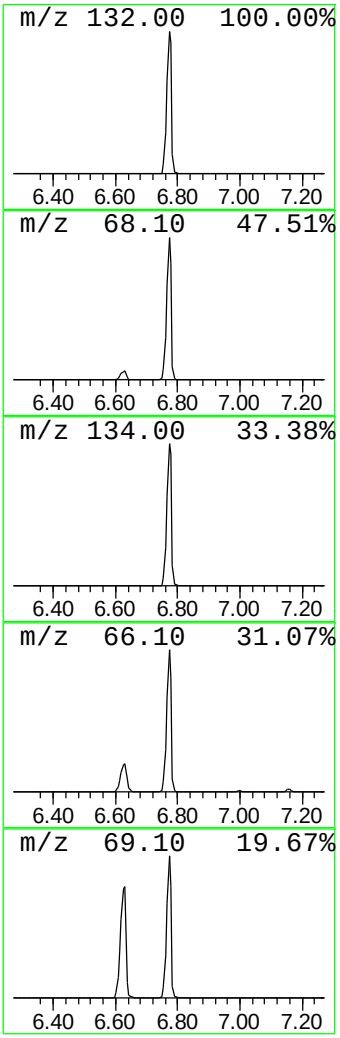
****

Peak Number 3 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	96.99 ng	4225030	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

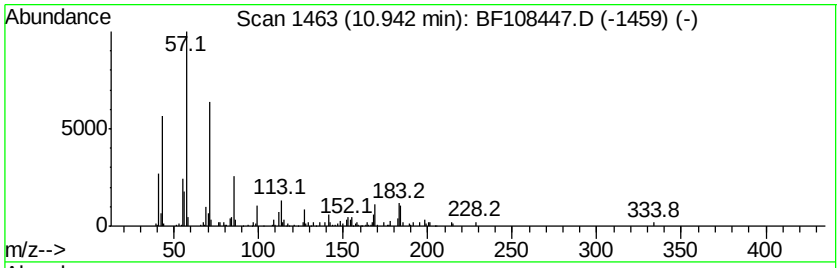
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

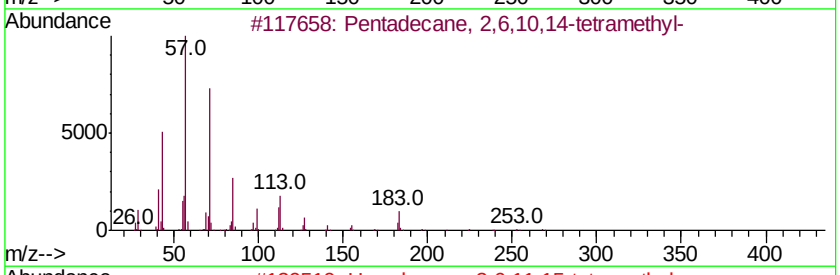
****

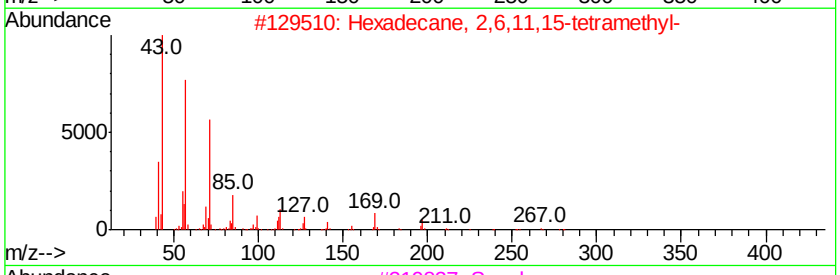
Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

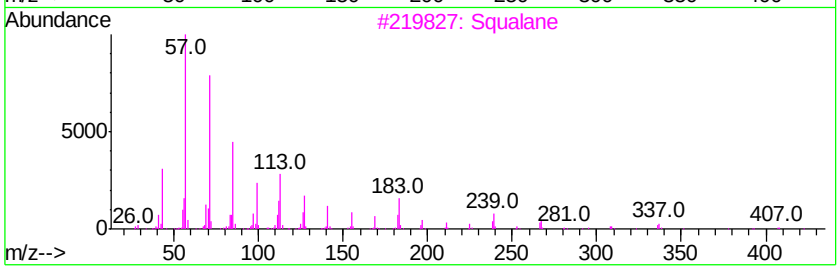
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.35 ng	159018	Phenanthrene-d10	11.54

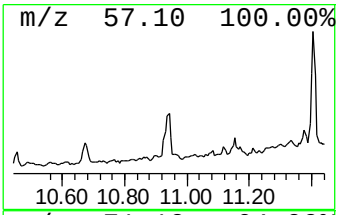
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
3	Squalane	422	C30H62	000111-01-3	59
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5	Tetradecane	198	C14H30	000629-59-4	58

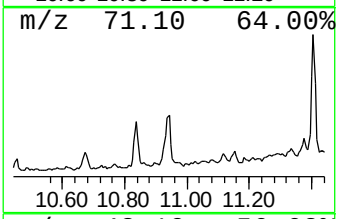


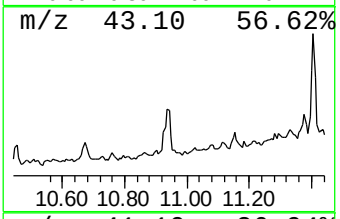


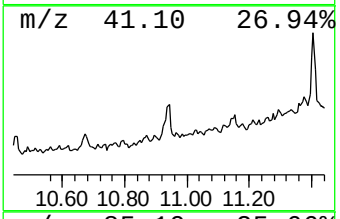


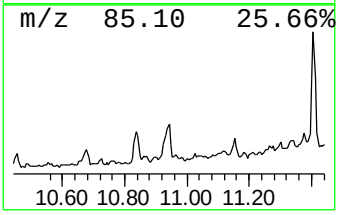












Library Search Compound Report

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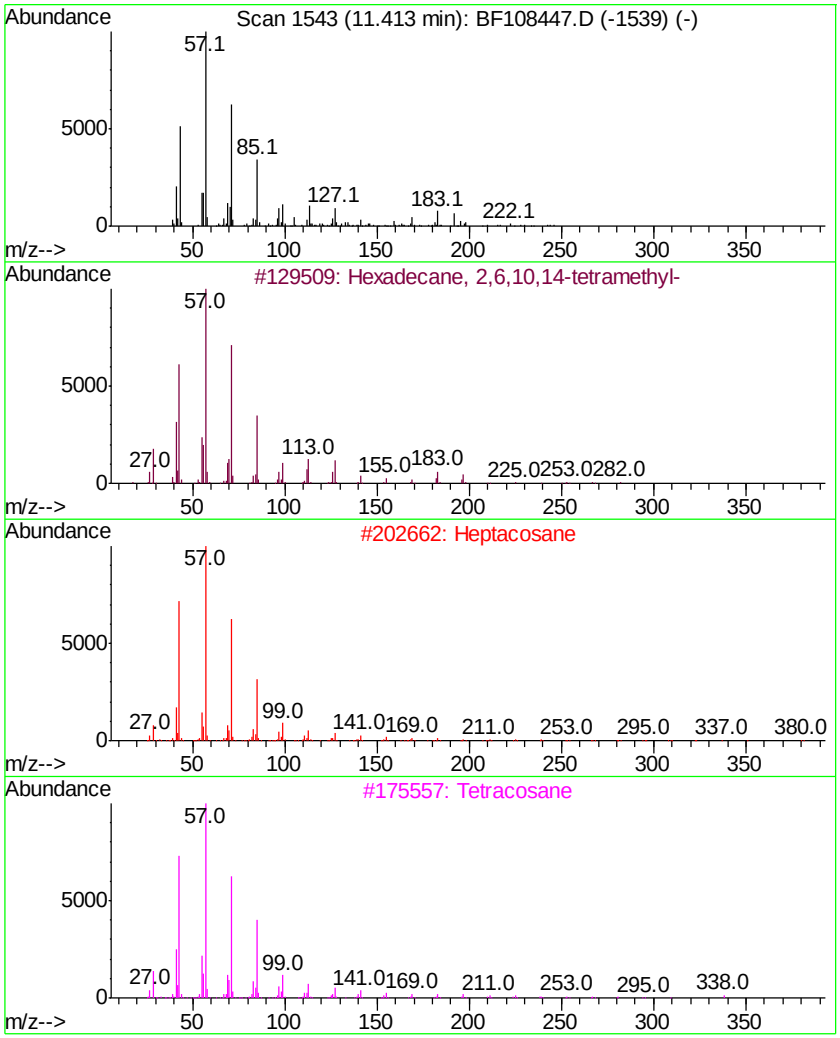
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

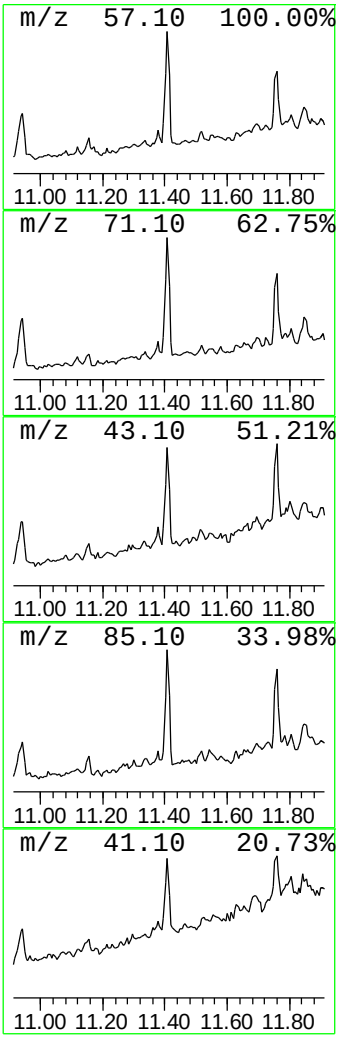
****

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	5.21 ng	247083	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	86
5	Hexadecane	226	C16H34	000544-76-3	83





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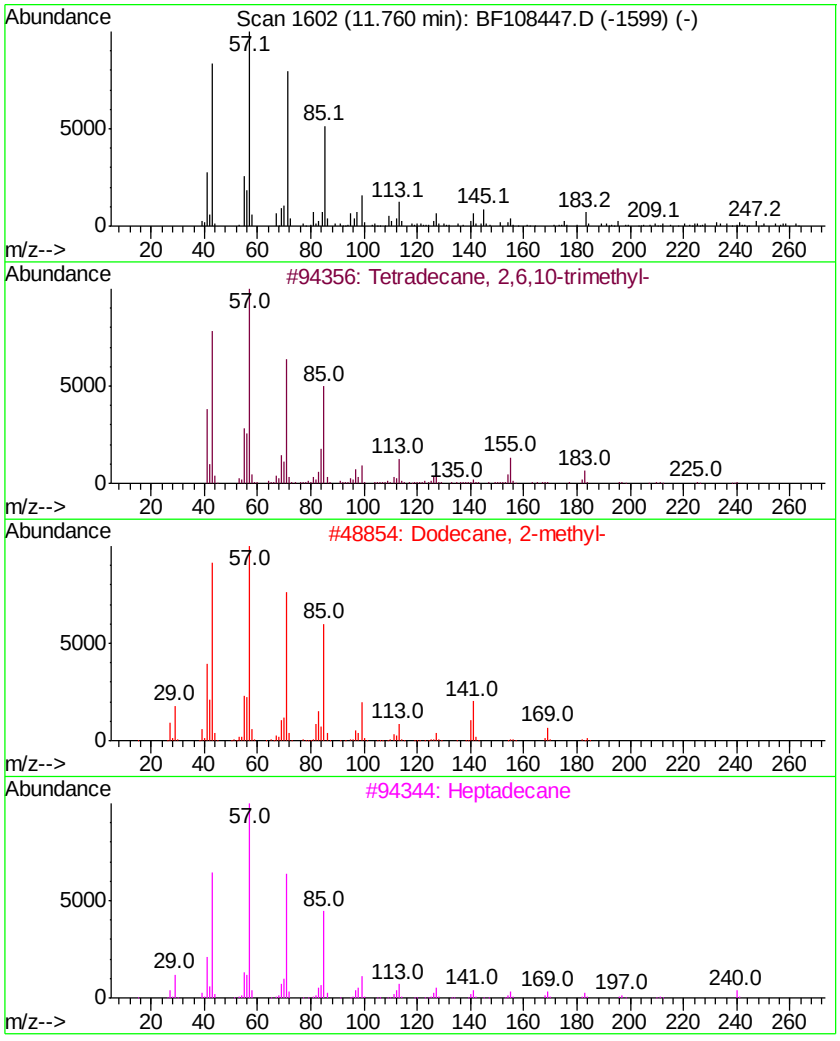
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

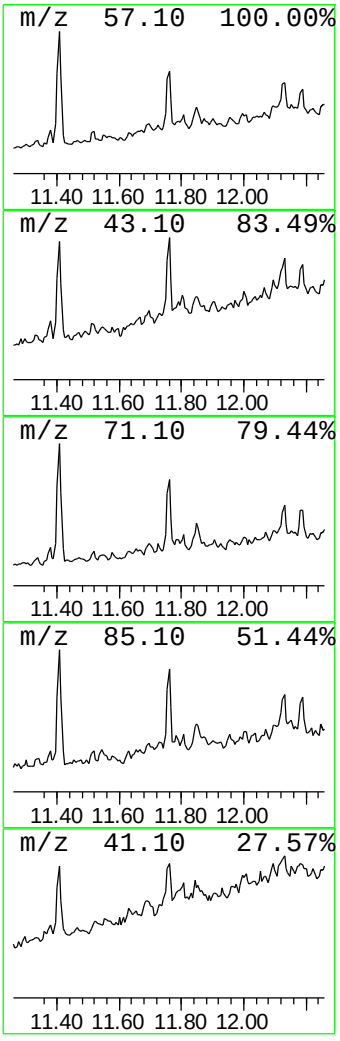
****

Peak Number 7 Tetradecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.02 ng	143431	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87





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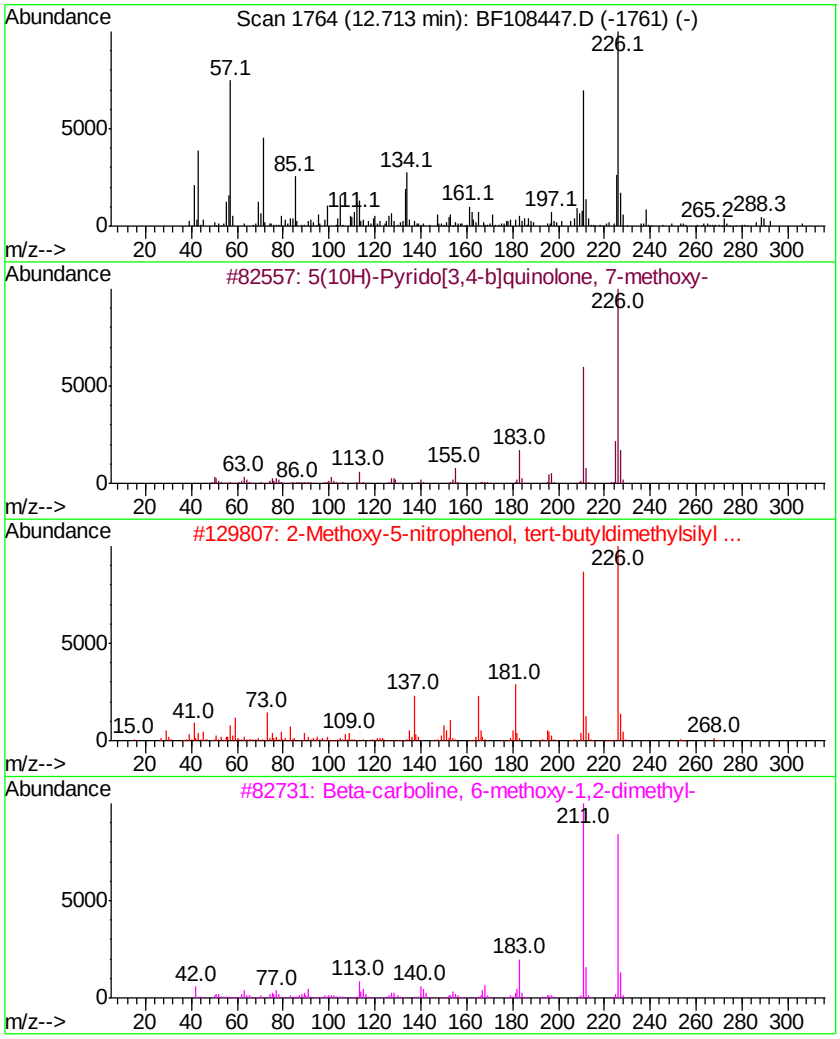
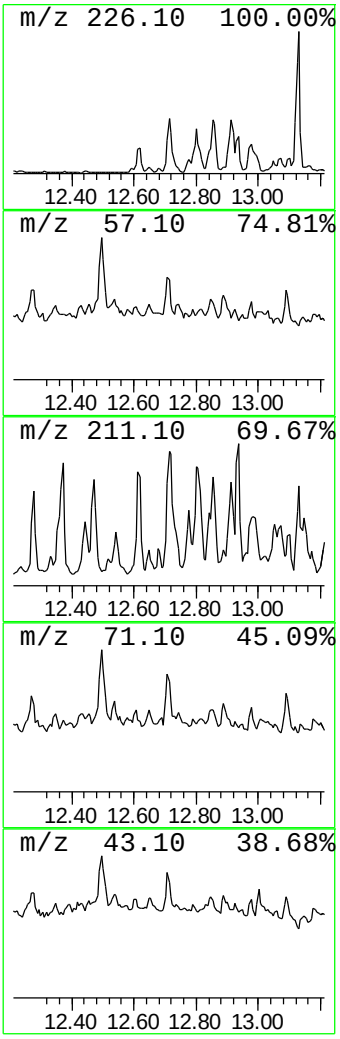
****

Peak Number 8 5(10H)-Pyrido[3,4-b]quinolo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.77 ng	178865	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	53
2	2-Methoxy-5-nitrophenol, tert-bu...	283	C13H21NO4Si	1000352-89-1	38
3	Beta-carboline, 6-methoxy-1,2-di...	226	C14H14N2O	154505-42-7	38
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	38
5	1,4-Benzenediamine, N-(1-methyle...	226	C15H18N2	000101-72-4	38





Tentatively Identified Compound (LSC) summary

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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-methoxy...	2.37	12.9	ng	564039	1	7.00	871253	20.0
2-Pentanone, 4-hy...	5.26	4.8	ng	207212	1	7.00	871253	20.0
unknown6.77	6.77	97.0	ng	4225030	1	7.00	871253	20.0
Pentadecane, 2,6,...	10.94	3.4	ng	159018	4	11.54	949047	20.0
Hexadecane, 2,6,1...	11.41	5.2	ng	247083	4	11.54	949047	20.0
Tetradecane, 2,6,...	11.76	3.0	ng	143431	4	11.54	949047	20.0
5(10H)-Pyrido[3,4...	12.71	3.8	ng	178865	4	11.54	949047	20.0