LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001072.D
Acq On : 19 Nov 2019 02:12
Operator : JU
Sample : K5865-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4-(10-12)

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_P\METHODS\8270-BP110619.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	2.317	32	39	49	rVB	337681	508674	8.18%	1.226%
2	5.728	614	619	630	rVB	296701	446683	7.18%	1.077%
3	6.299	709	716	720	rBV	2297118	2785549	44.79%	6.715%
4	7.810	965	973	981	rBV	2356586	3234567	52.02%	7.798%
5	8.005	999	1006	1010	rBV	2559780	3269047	52.57%	7.881%
6	8.363	1061	1067	1072	rBV	943557	1043947	16.79%	2.517%
7	8.605	1102	1108	1112	rBV	2199720	2640304	42.46%	6.365%
8	9.240	1209	1216	1220	rBV	1580685	1948328	31.33%	4.697%
9	10.387	1406	1411	1416	rBV	1097482	1341631	21.57%	3.234%
10	12.169	1704	1714	1718	rBV	4121799	4614768	74.21%	11.125%
11	12.834	1818	1827	1835	rBV	422924	474895	7.64%	1.145%
12	13.251	1892	1898	1904	rBV	1496964	1792168	28.82%	4.320%
13	14.545	2111	2118	2131	rBV	2962203	3726546	59.93%	8.984%
14	15.645	2300	2305	2310	rBV	1788355	2054550	33.04%	4.953%
15	15.787	2323	2329	2335	rBV2	64687	78021	1.25%	0.188%
16	16.528	2451	2455	2468	rBV	207810	306041	4.92%	0.738%
17	17.616	2637	2640	2649	rBV2	58242	82579	1.33%	0.199%
18	17.928	2687	2693	2697	rBV	5458592	6218454	100.00%	14.991%
19	19.180	2900	2906	2918	rBV4	139766	436257	7.02%	1.052%
20	19.286	2919	2924	2928	rVV	1895206	2038510	32.78%	4.914%
21	19.969	3036	3040	3043	rBV	68118	76381	1.23%	0.184%
22	20.345	3100	3104	3113	rVB	88824	109265	1.76%	0.263%
23	20.427	3114	3118	3122	rVB2	110486	125050	2.01%	0.301%
24	20.745	3168	3172	3177	rBV	87520	107296	1.73%	0.259%
25	21.069	3220	3227	3238	rVB	1354350	1806189	29.05%	4.354%
26	21.186	3243	3247	3253	rVB2	77301	120321	1.93%	0.290%
27	21.698	3329	3334	3341	rVB	54826	95828	1.54%	0.231%

Sum of corrected areas: 41481849

LSC Report - Integrated Chromatogram

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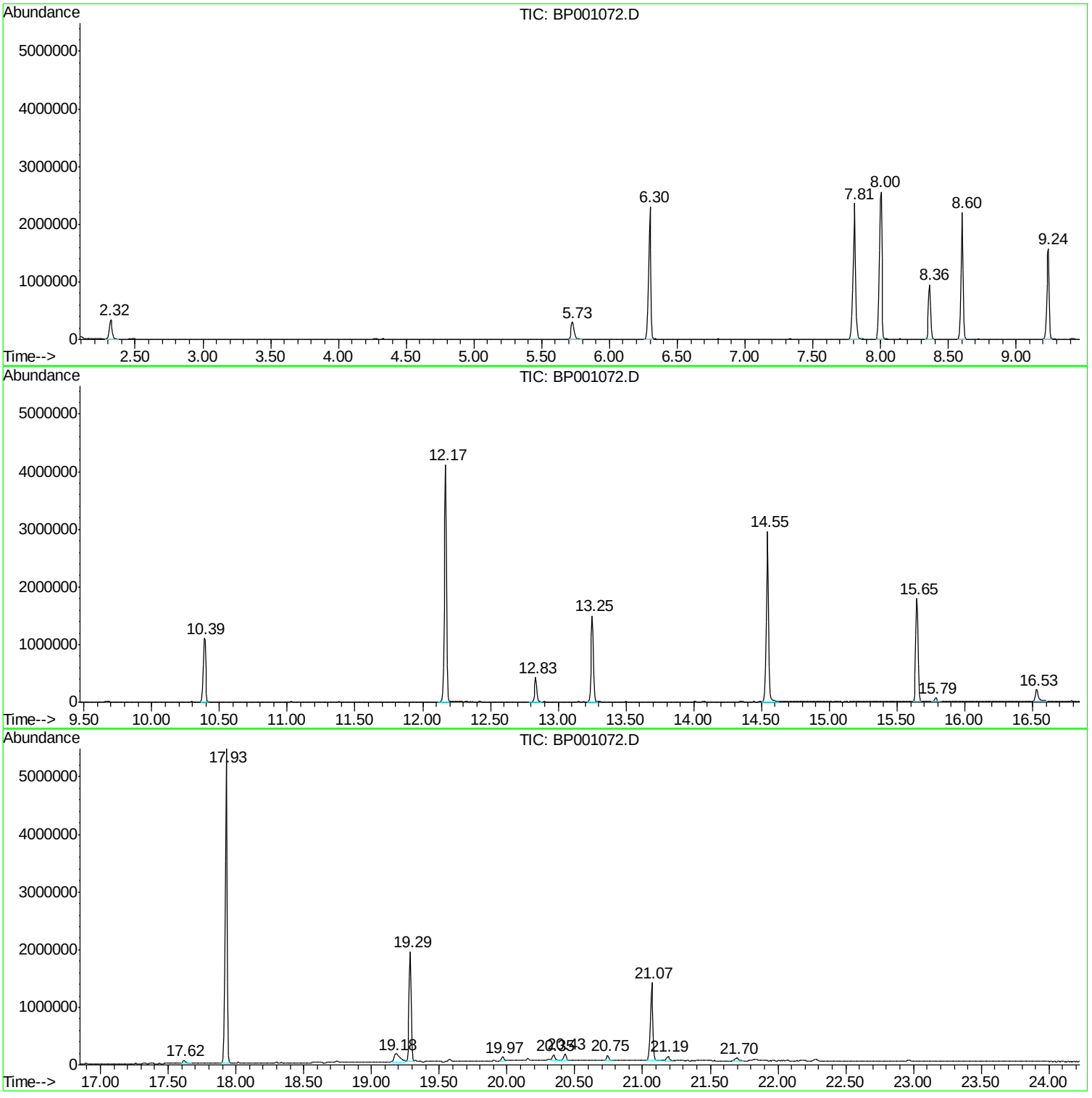
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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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Operator : JU
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId : 4-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

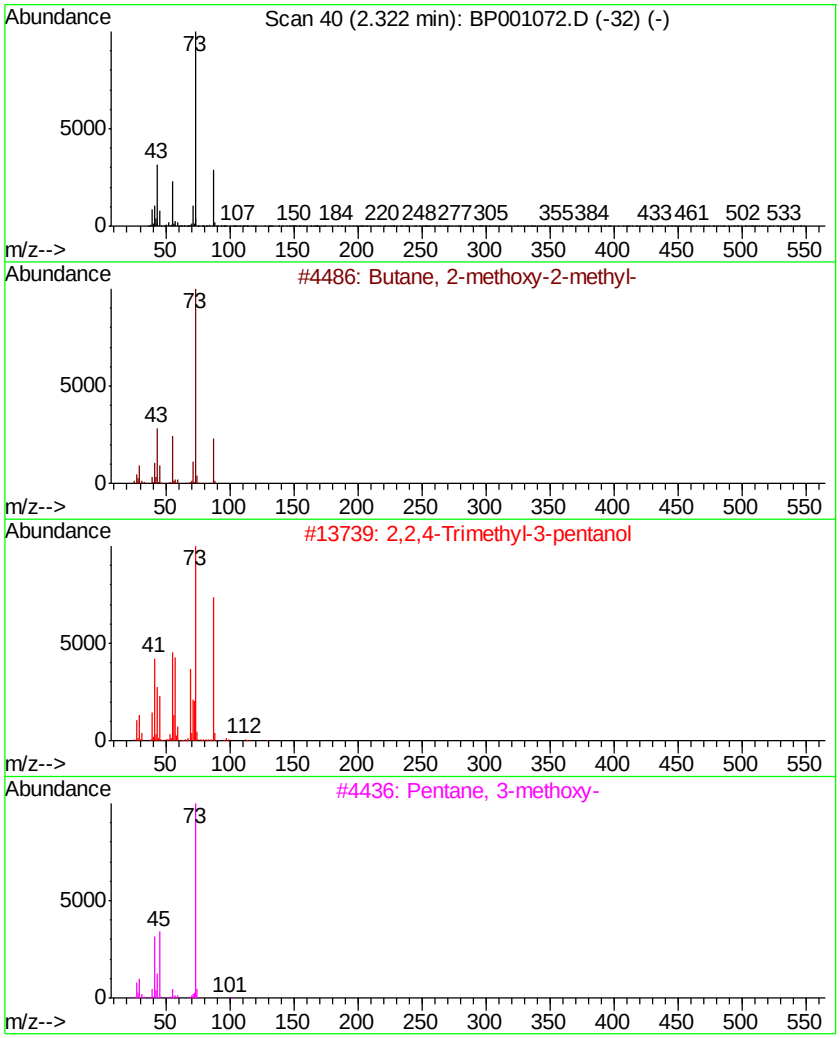
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

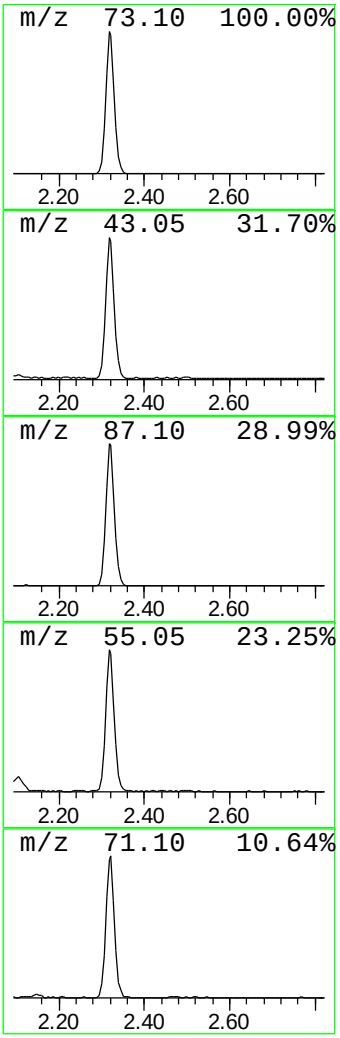
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	9.75 ng	508674	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Data File : BP001072.D
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Operator : JU
Sample : K5865-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.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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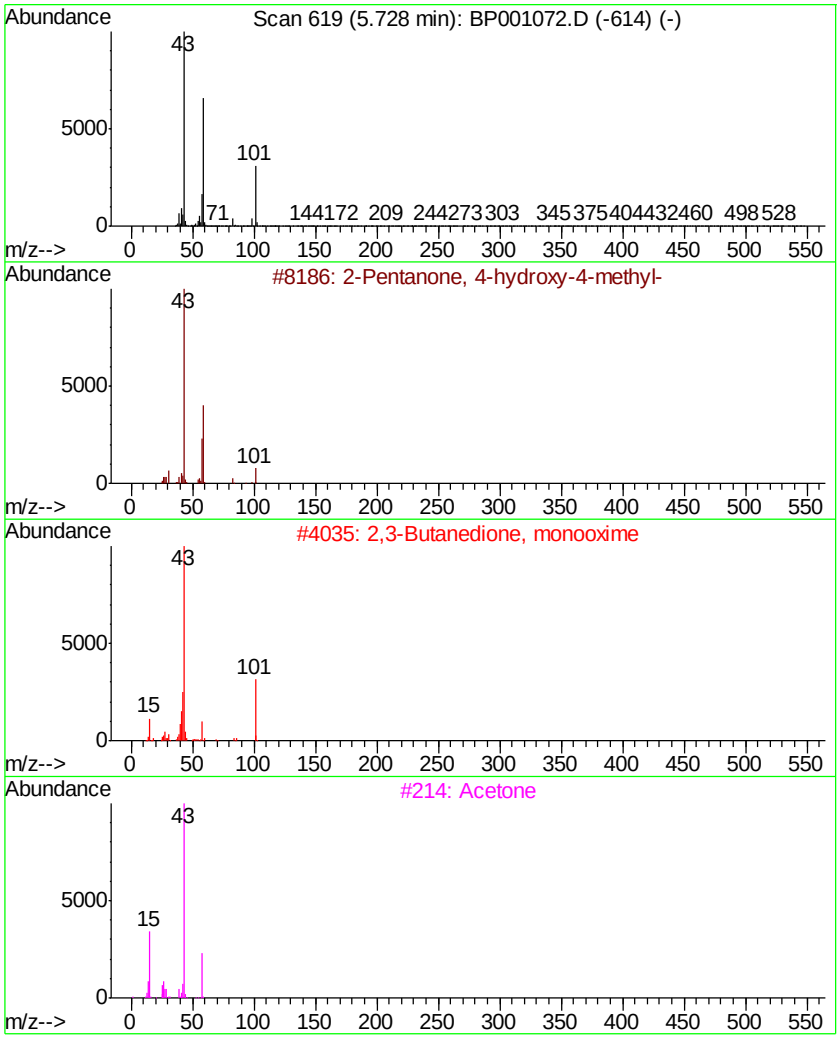
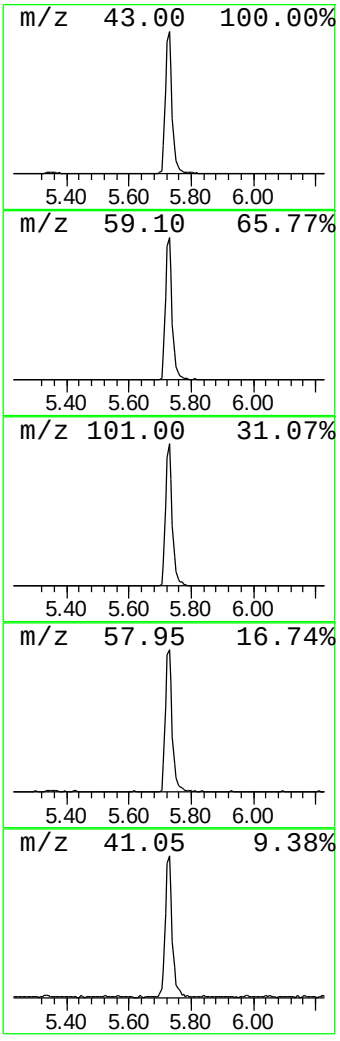
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	8.56 ng	446683	1,4-Dichlorobenzene-d4	8.36

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	25
3	Acetone	58	C3H6O	000067-64-1	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Sample : K5865-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4-(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
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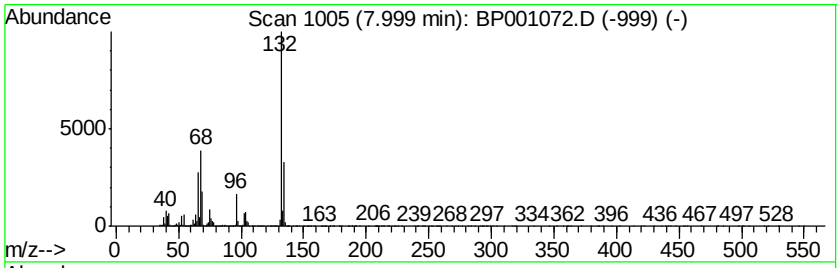
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

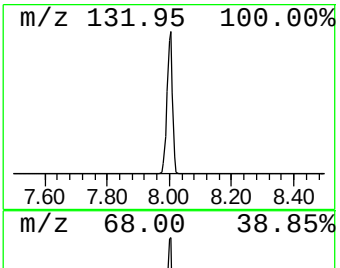
****

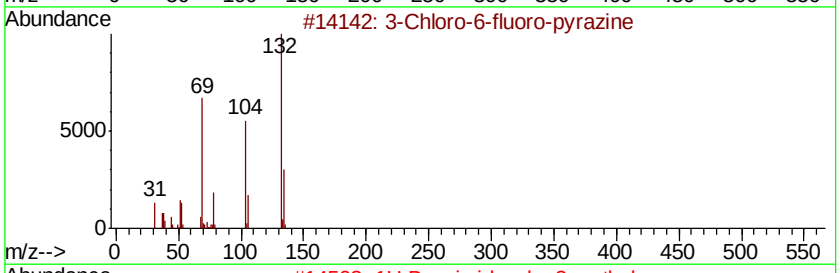
Peak Number 3 unknown8.00 Concentration Rank 1

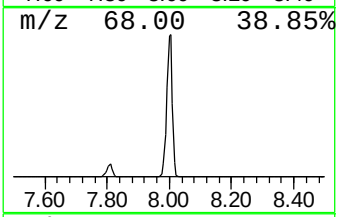
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	62.63 ng	3269050	1,4-Dichlorobenzene-d4	8.36

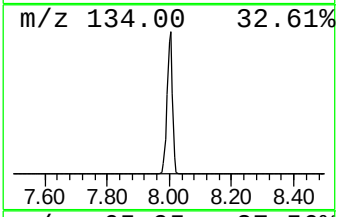
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
5	5-Aminoindole	132	C8H8N2	005192-03-0	16

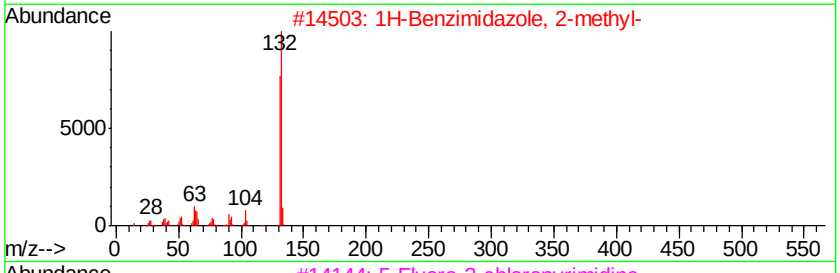


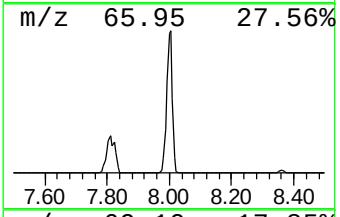


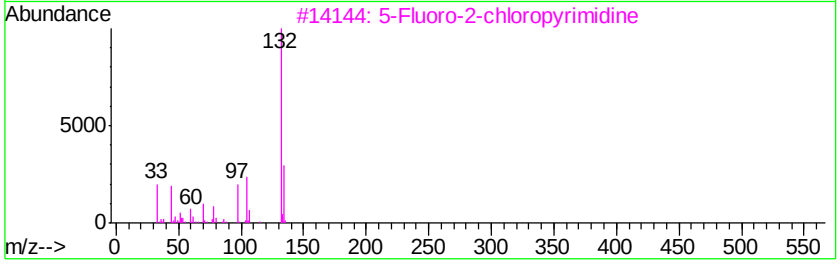


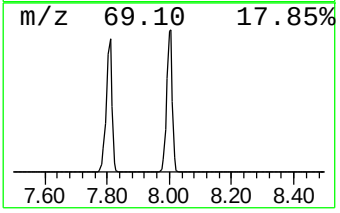












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

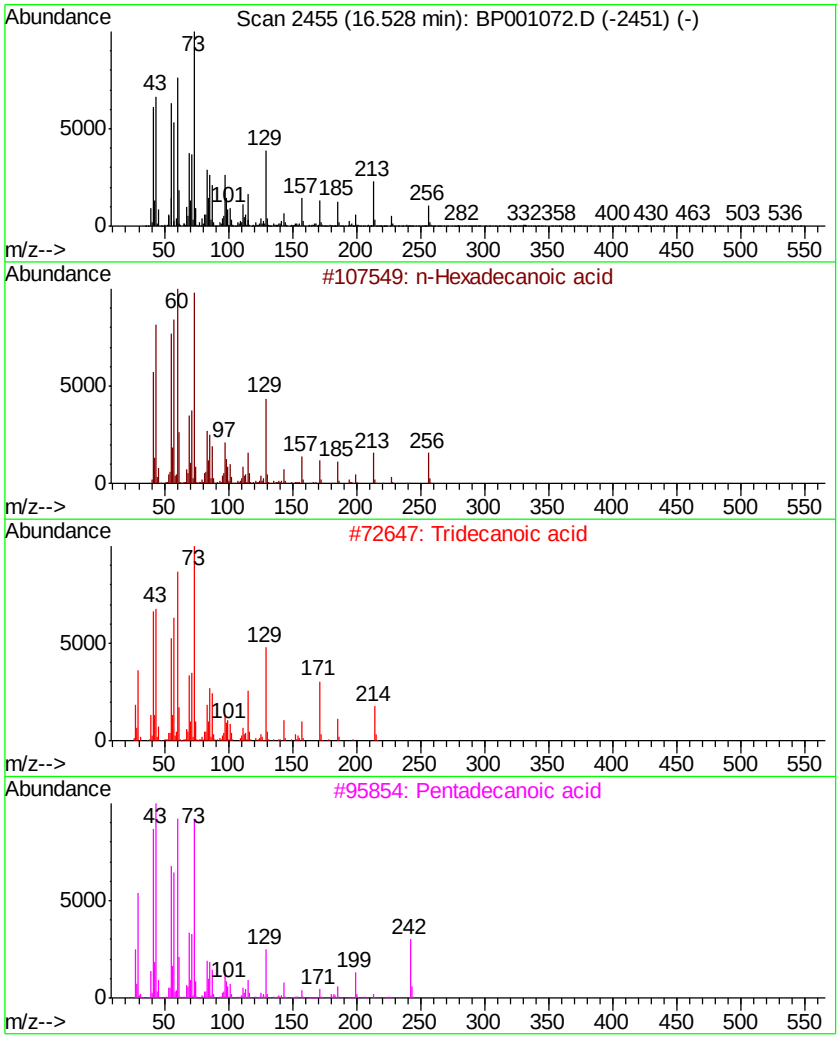
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

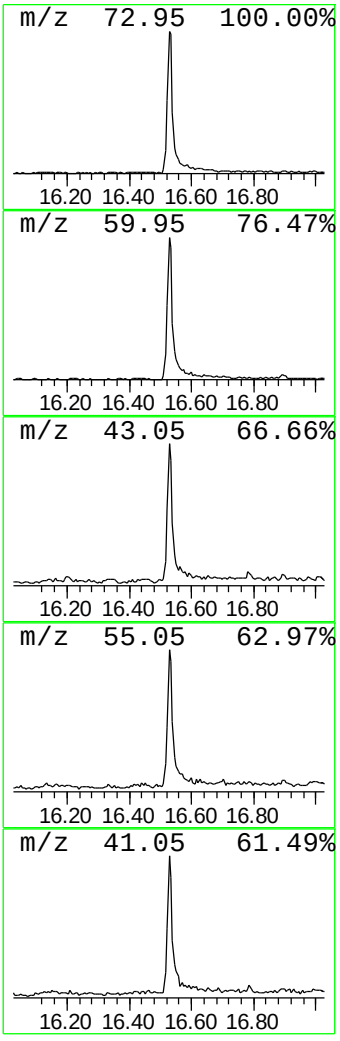
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.98 ng	306041	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

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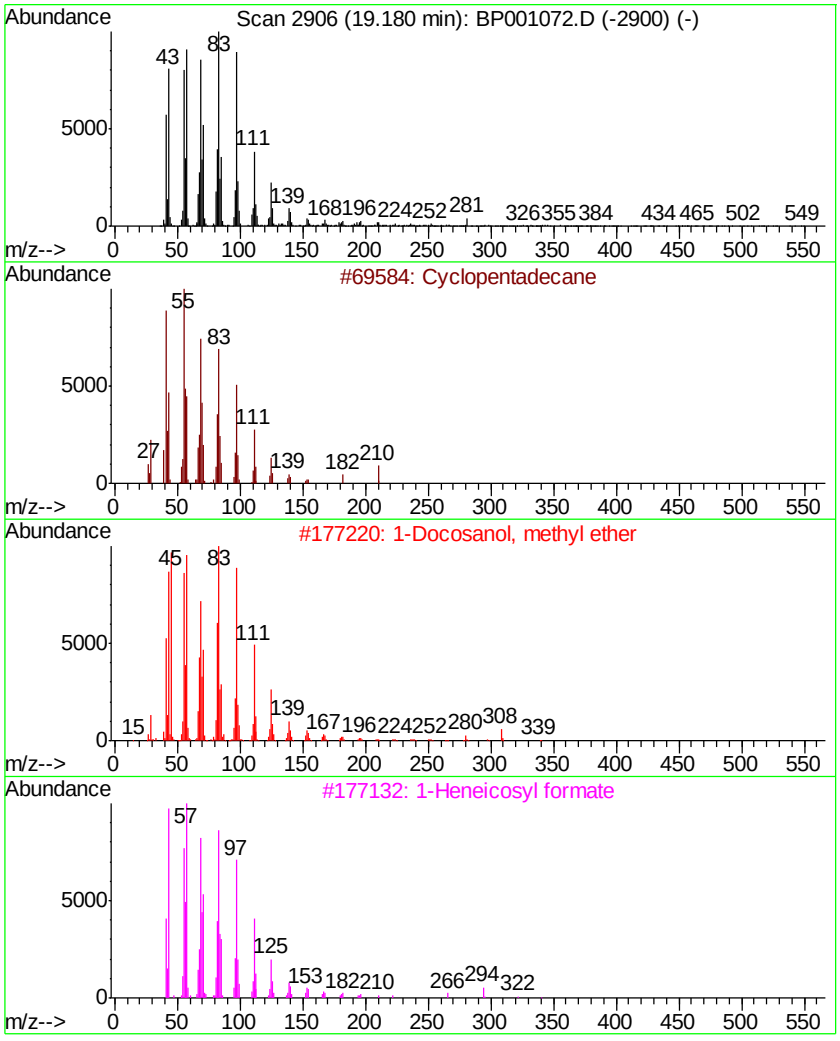
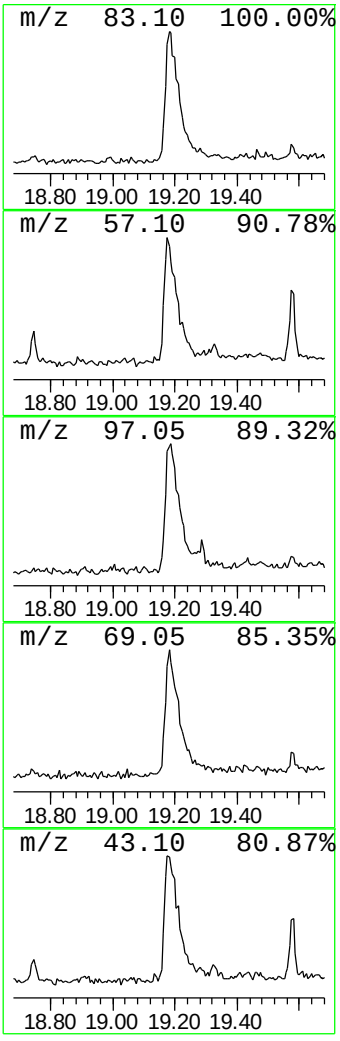
****

Peak Number 6 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	4.28 ng	436257	Chrysene-d12	19.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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
Butane, 2-methoxy...	2.32	9.8	ng	508674	1	8.36	1043950	20.0
2-Pentanone, 4-hy...	5.73	8.6	ng	446683	1	8.36	1043950	20.0
unknown8.00	8.00	62.6	ng	3269050	1	8.36	1043950	20.0
n-Hexadecanoic acid	16.53	3.0	ng	306041	4	15.65	2054550	20.0
Cyclopentadecane	19.18	4.3	ng	436257	5	19.29	2038510	20.0