LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001071.D
Acq On : 19 Nov 2019 01:41
Operator : JU
Sample : K5865-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4-(6-8)

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	33	39	49	rVB	298001	443785	7.30%	1.092%
2	5.722	611	618	632	rBV	295859	446847	7.35%	1.099%
3	6.299	709	716	720	rBV	2171860	2682751	44.15%	6.598%
4	7.810	965	973	979	rBV	2268708	3152876	51.89%	7.755%
5	8.004	999	1006	1015	rBV	2495409	3184340	52.41%	7.832%
6	8.363	1062	1067	1072	rVB	900591	1007904	16.59%	2.479%
7	8.604	1102	1108	1112	rBV	2260832	2597372	42.75%	6.388%
8	9.240	1209	1216	1220	rBV	1557098	1894611	31.18%	4.660%
9	10.393	1406	1412	1417	rBV	1108616	1310957	21.57%	3.224%
10	12.169	1706	1714	1718	rBV	3925585	4523021	74.44%	11.125%
11	12.834	1816	1827	1833	rBV	401500	444864	7.32%	1.094%
12	13.251	1892	1898	1910	rBV	1452777	1742485	28.68%	4.286%
13	14.545	2111	2118	2132	rBV	2878660	3662767	60.28%	9.009%
14	15.645	2296	2305	2310	rBV	1744300	2021022	33.26%	4.971%
15	16.528	2451	2455	2468	rBV	233811	330732	5.44%	0.813%
16	17.616	2637	2640	2647	rBV	84987	111403	1.83%	0.274%
17	17.927	2687	2693	2697	rBV	5510148	6076370	100.00%	14.945%
18	19.174	2901	2905	2918	rBV4	145743	394267	6.49%	0.970%
19	19.286	2919	2924	2928	rBV	1822935	1945343	32.01%	4.785%
20	19.574	2970	2973	2977	rBV	75264	80010	1.32%	0.197%
21	19.969	3037	3040	3043	rBV	98564	103296	1.70%	0.254%
22	20.157	3069	3072	3077	rBV	63403	68959	1.13%	0.170%
23	20.345	3101	3104	3107	rVB	115076	126140	2.08%	0.310%
24	20.433	3115	3119	3122	rVB2	91956	107086	1.76%	0.263%
25	20.745	3168	3172	3176	rBV	110773	143860	2.37%	0.354%
26	21.068	3221	3227	3238	rVB	1247302	1775929	29.23%	4.368%
27	21.192	3244	3248	3255	rVB	106073	157074	2.58%	0.386%
28	21.698	3330	3334	3341	rVB	69844	121356	2.00%	0.298%

Sum of corrected areas: 40657427

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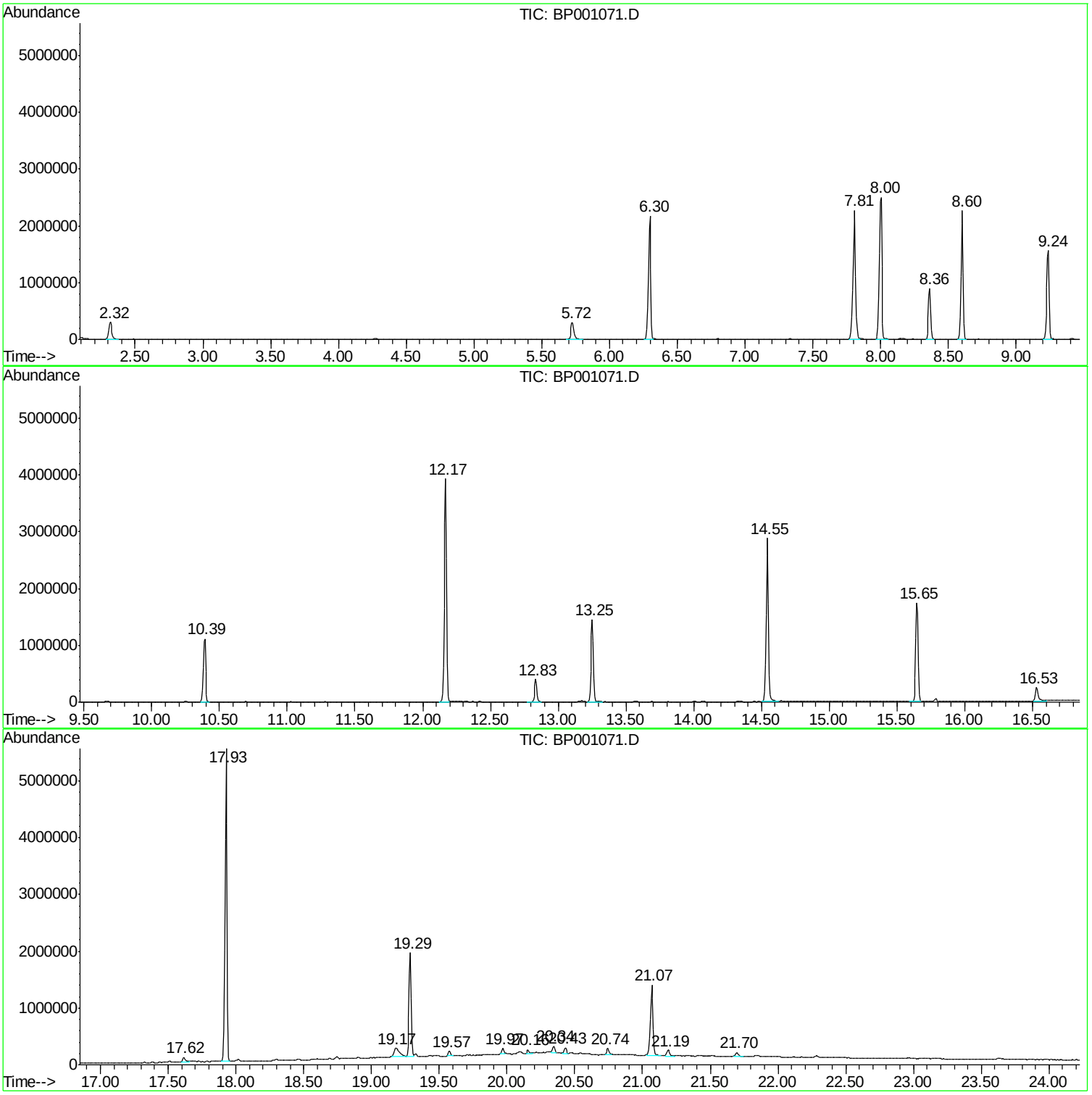
Instrument : BNA_P
ClientSampleId : 4-(6-8)

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001071.D
Acq On : 19 Nov 2019 01:41
Operator : JU
Sample : K5865-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4-(6-8)

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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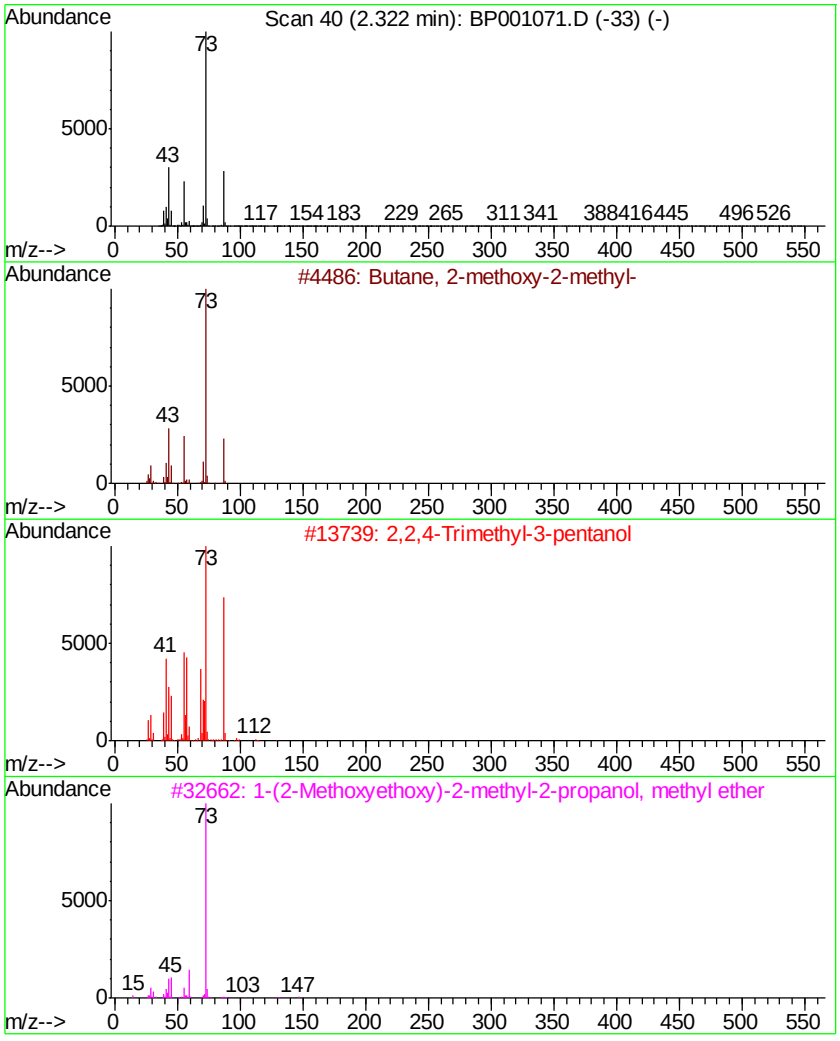
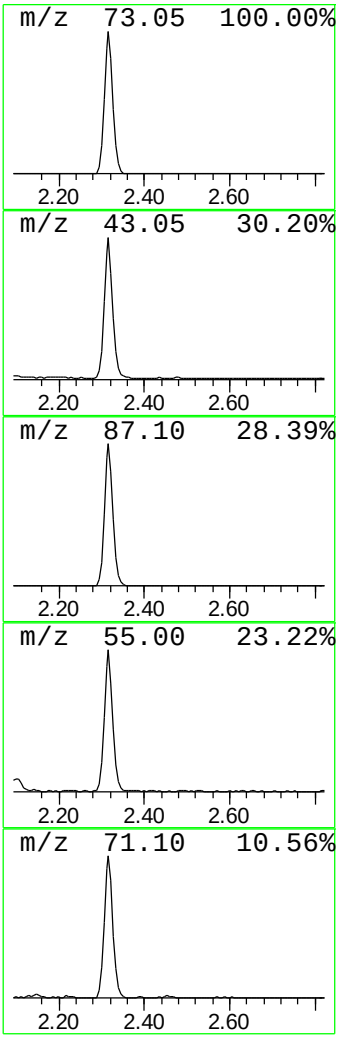
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	8.81 ng	443785	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	40
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Instrument : BNA_P
ClientSampleId : 4-(6-8)

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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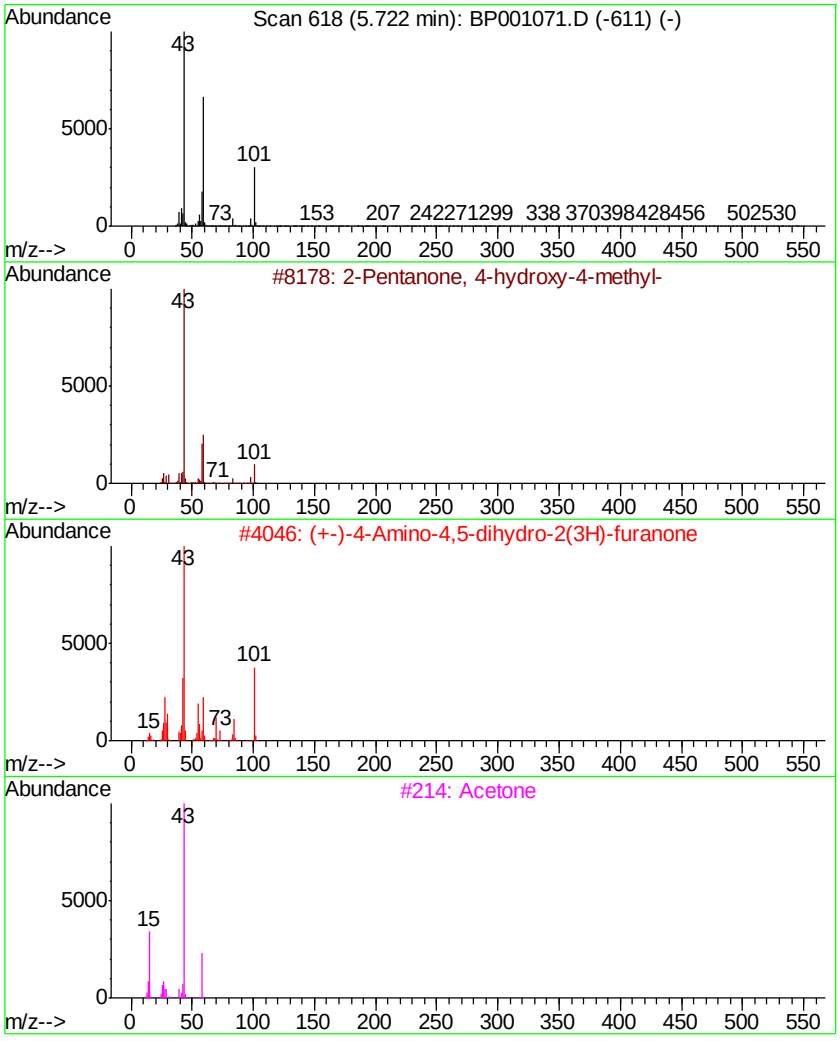
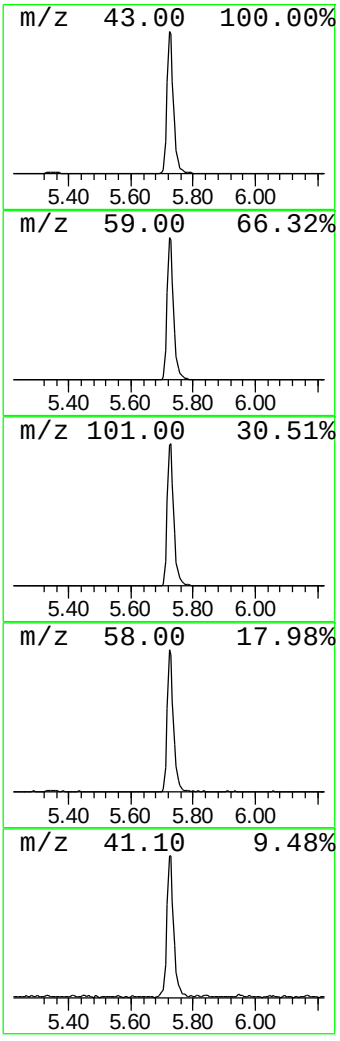
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	8.87 ng	446847	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	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetone	58	C3H6O	000067-64-1	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4-(6-8)

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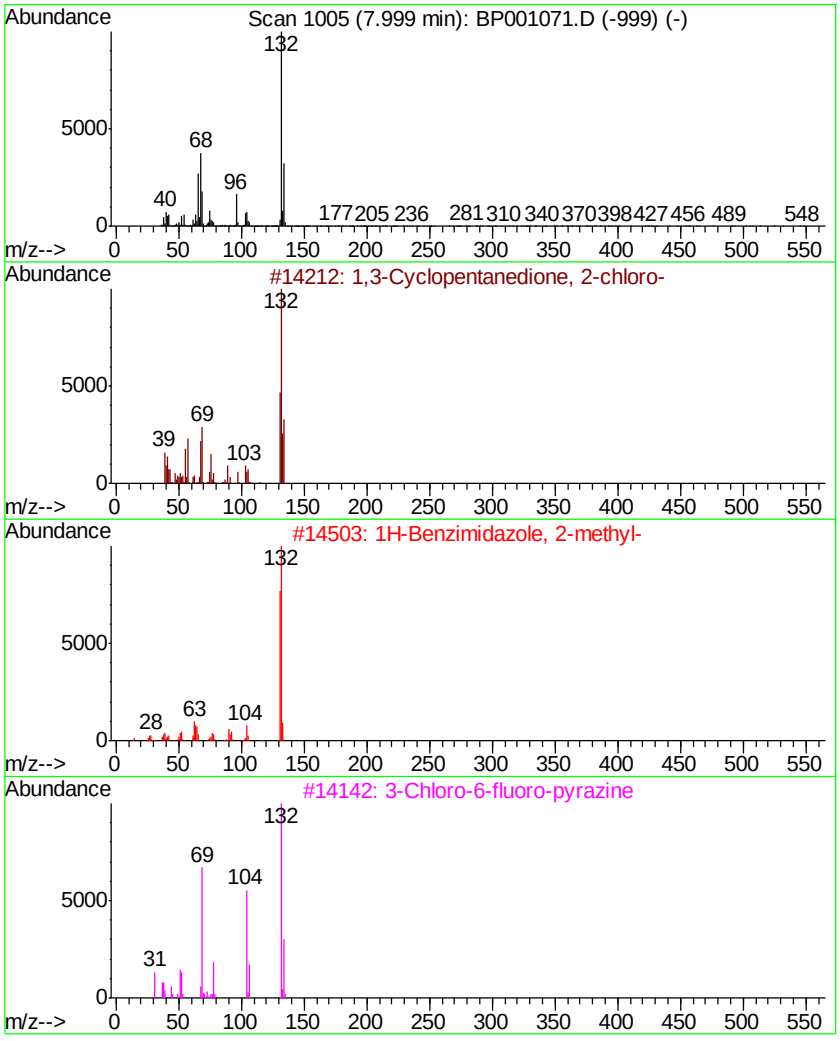
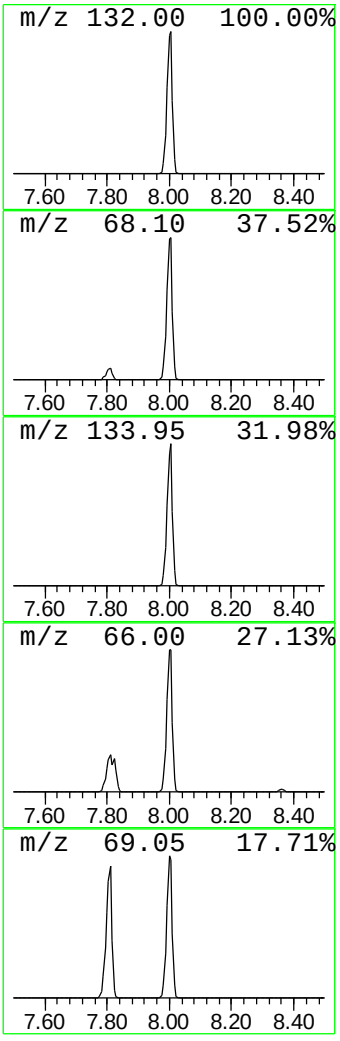
Peak Number 3 unknown8.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	63.19 ng	3184340	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	46
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
5	5-Aminoindole	132	C8H8N2	005192-03-0	16





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ClientSampleId : 4-(6-8)

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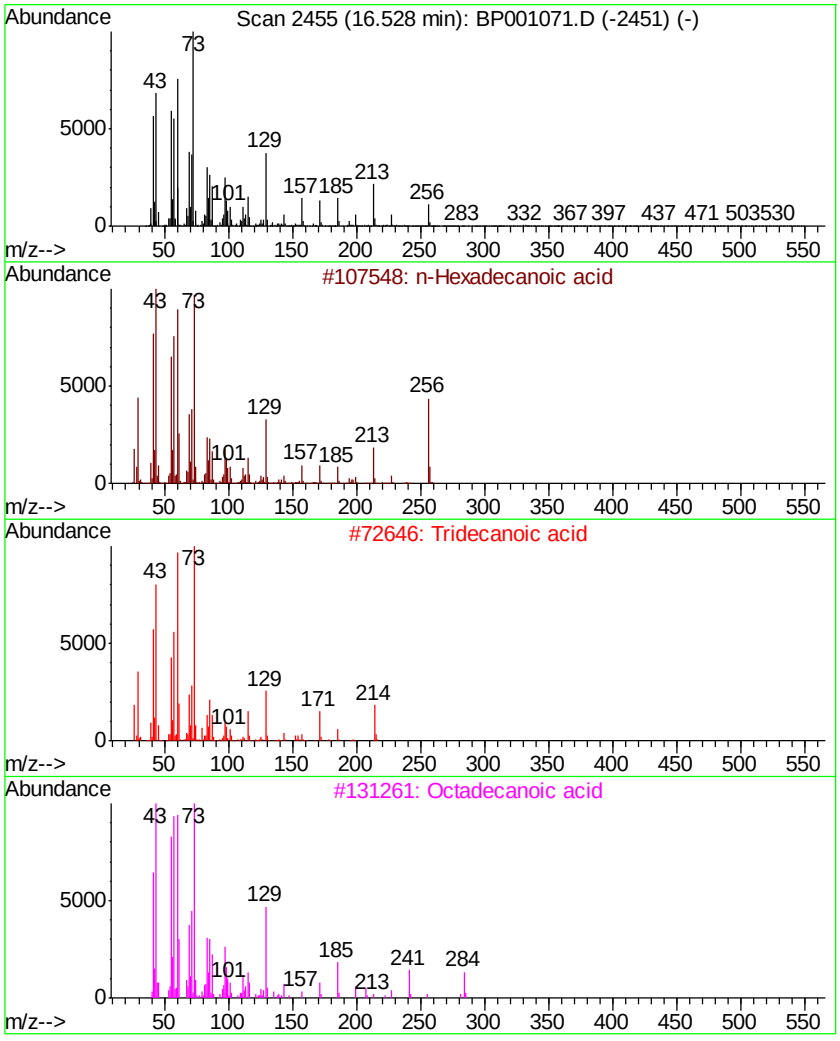
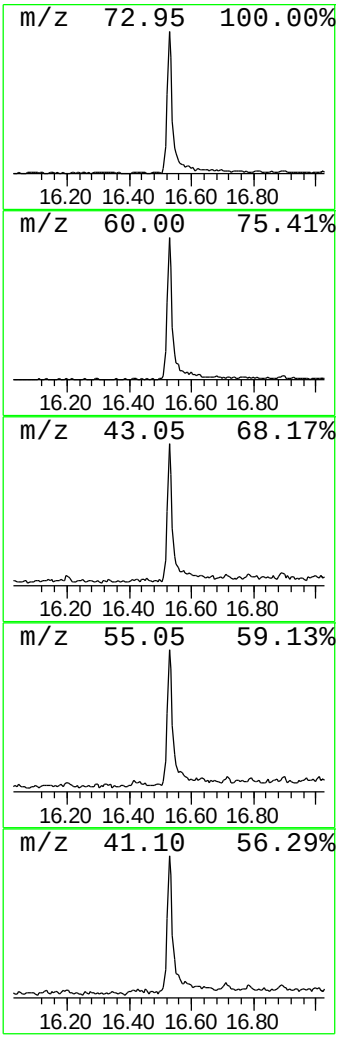
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	3.27 ng	330732	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
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TIC Integration Parameters: LSCINT.P

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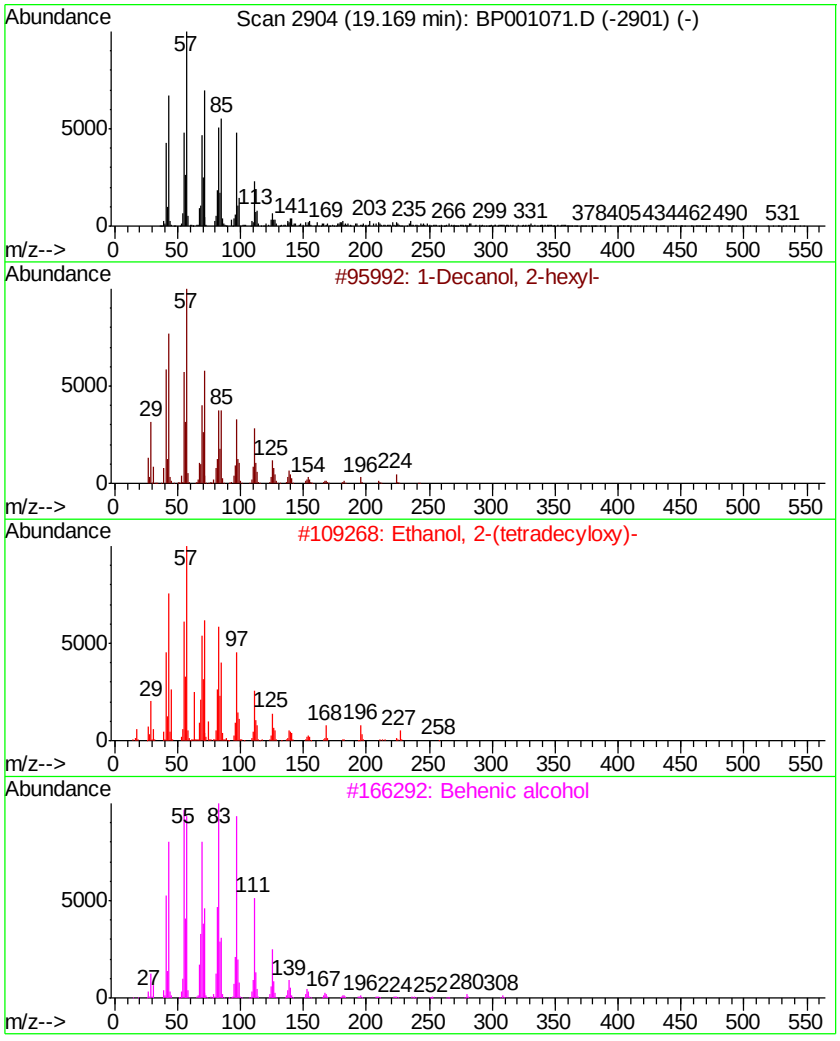
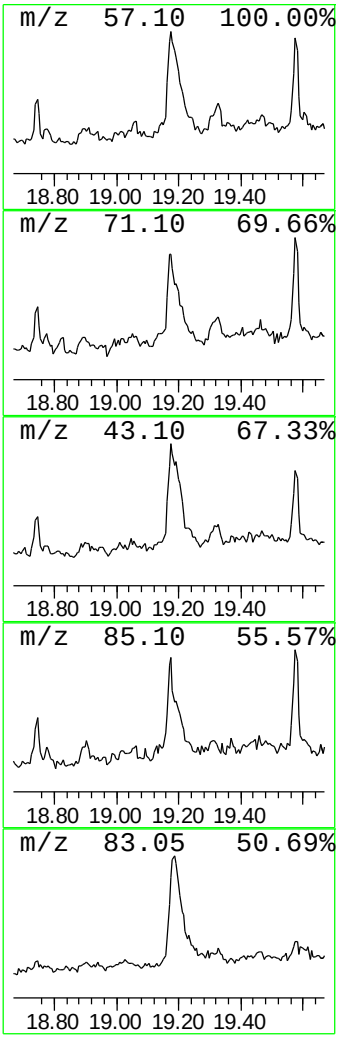
Peak Number 6 1-Decanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.05 ng	394267	Chrysene-d12	19.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	96
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.32	8.8	ng	443785	1	8.36	1007900	20.0
2-Pentanone, 4-hy...	5.72	8.9	ng	446847	1	8.36	1007900	20.0
unknown8.00	8.00	63.2	ng	3184340	1	8.36	1007900	20.0
n-Hexadecanoic acid	16.53	3.3	ng	330732	4	15.65	2021020	20.0
1-Decanol, 2-hexyl-	19.17	4.0	ng	394267	5	19.29	1945340	20.0