LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001061.D
Acq On : 16 Nov 2019 01:56
Operator : JU
Sample : K5861-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-2

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	2.334	36	42	52	rVB	373885	558858	8.07%	1.036%
2	5.740	613	621	635	rBV	452020	727262	10.50%	1.348%
3	6.310	710	718	722	rBV	3349485	4260392	61.48%	7.894%
4	7.287	877	884	889	rBV	160594	190511	2.75%	0.353%
5	7.822	966	975	981	rBV	3158679	4652551	67.14%	8.621%
6	7.916	987	991	1000	rVB	71106	89124	1.29%	0.165%
7	8.010	1000	1007	1020	rBV	3924983	4931249	71.17%	9.137%
8	8.369	1062	1068	1073	rBV	1044927	1186411	17.12%	2.198%
9	8.610	1103	1109	1113	rVB	3334902	3936717	56.81%	7.294%
10	9.246	1209	1217	1221	rBV	2353002	2967727	42.83%	5.499%
11	10.393	1406	1412	1417	rBV	1268227	1497543	21.61%	2.775%
12	12.175	1706	1715	1719	rBV	5200811	6328778	91.33%	11.727%
13	12.839	1822	1828	1834	rBV	537746	619798	8.94%	1.148%
14	13.251	1892	1898	1904	rBV	1533598	1949516	28.13%	3.612%
15	14.545	2111	2118	2133	rBV	3709843	4867931	70.25%	9.020%
16	15.516	2278	2283	2288	rBV	192277	217329	3.14%	0.403%
17	15.645	2301	2305	2310	rVB	1716922	1960438	28.29%	3.633%
18	16.528	2448	2455	2469	rBV	324840	463474	6.69%	0.859%
19	17.610	2636	2639	2649	rBV	92584	141642	2.04%	0.262%
20	17.927	2687	2693	2697	rBV	6306736	6929261	100.00%	12.839%
21	18.174	2729	2735	2743	rBV8	39317	87171	1.26%	0.162%
22	18.622	2808	2811	2819	rBV	146062	192816	2.78%	0.357%
23	19.004	2872	2876	2880	rVB	80887	92487	1.33%	0.171%
24	19.157	2898	2902	2915	rBV	337448	610306	8.81%	1.131%
25	19.280	2918	2923	2927	rBV	1796199	1947953	28.11%	3.609%
26	20.421	3113	3117	3121	rBV	83141	96379	1.39%	0.179%
27	20.733	3167	3170	3175	rVB	75092	88736	1.28%	0.164%
28	21.063	3220	3226	3233	rVB	1350354	1860594	26.85%	3.448%
29	21.180	3243	3246	3253	rVB2	63901	93788	1.35%	0.174%
30	21.686	3328	3332	3337	rBV	50489	76529	1.10%	0.142%
31	21.751	3338	3343	3352	rVV2	147727	346030	4.99%	0.641%

Sum of corrected areas: 53969301

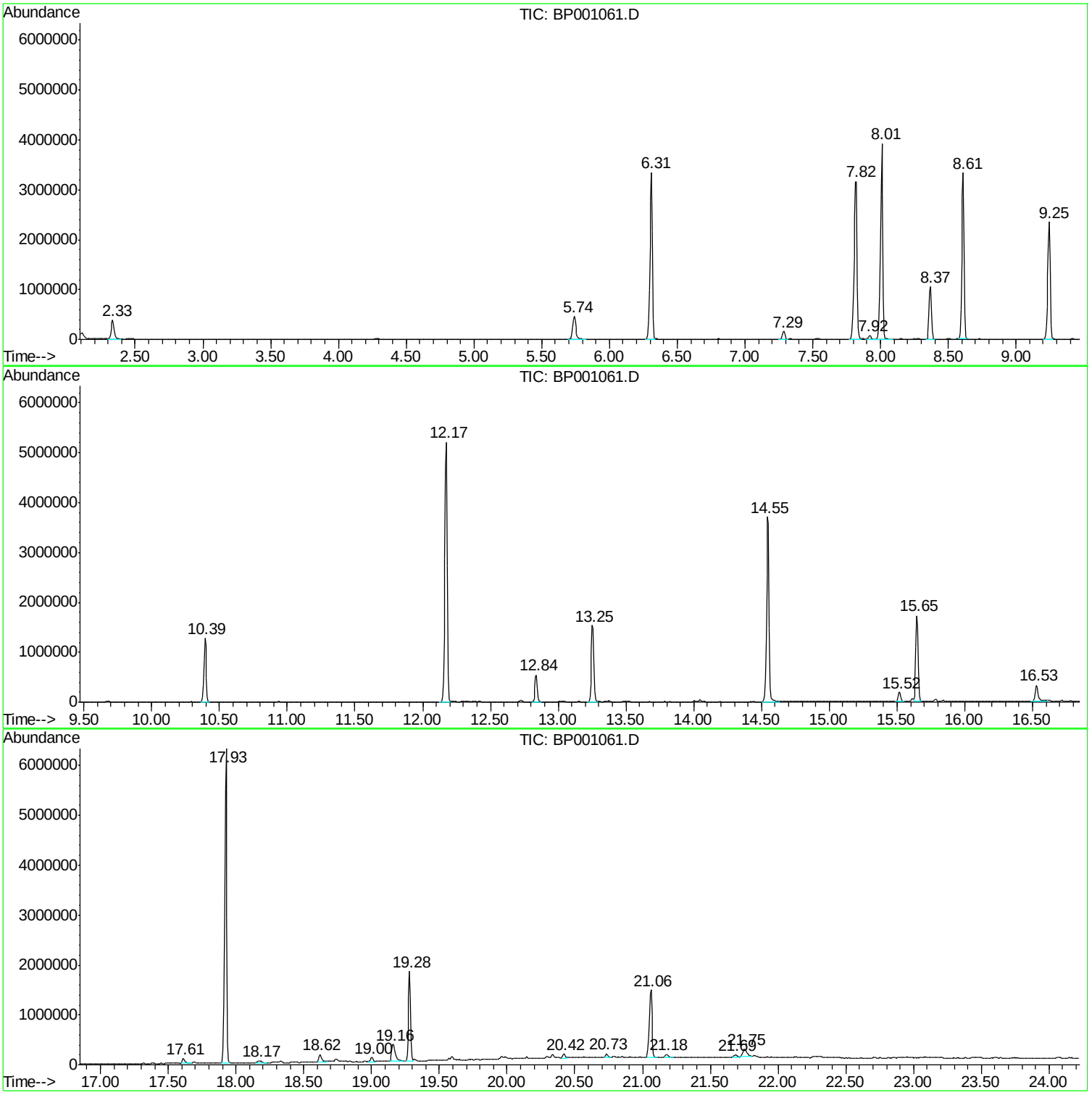
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001061.D
Acq On : 16 Nov 2019 01:56
Operator : JU
Sample : K5861-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-2

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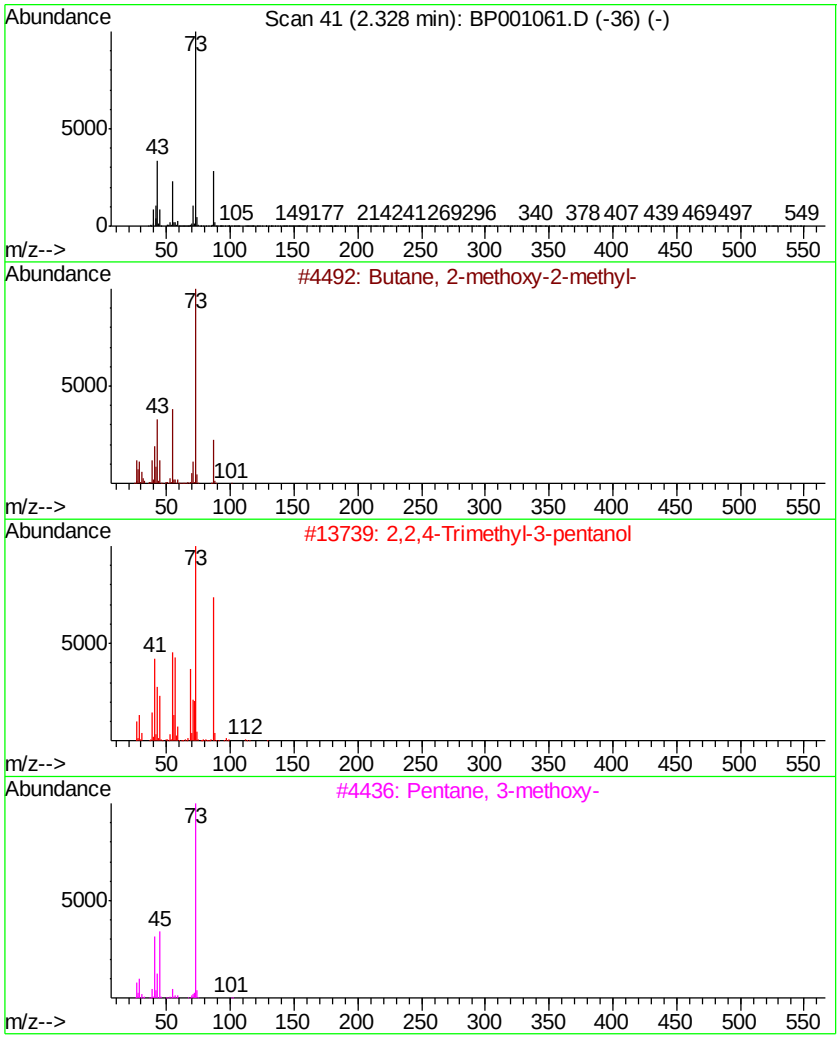
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

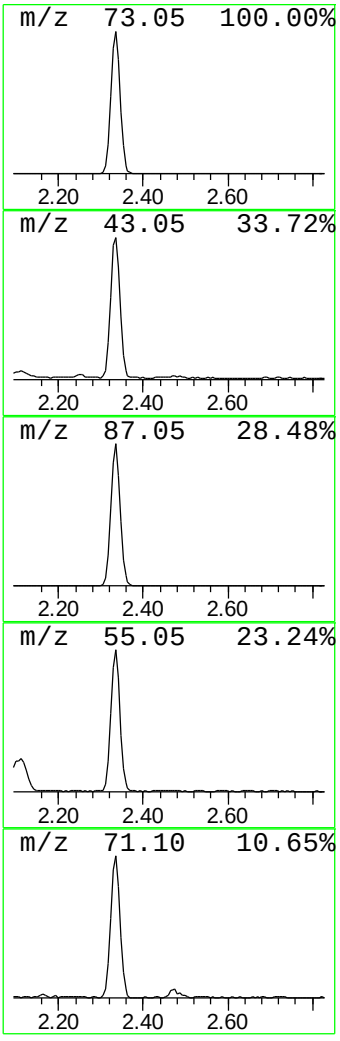
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	9.42 ng	558858	1,4-Dichlorobenzene-d4	8.37

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Data File : BP001061.D
Acq On : 16 Nov 2019 01:56
Operator : JU
Sample : K5861-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-2

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

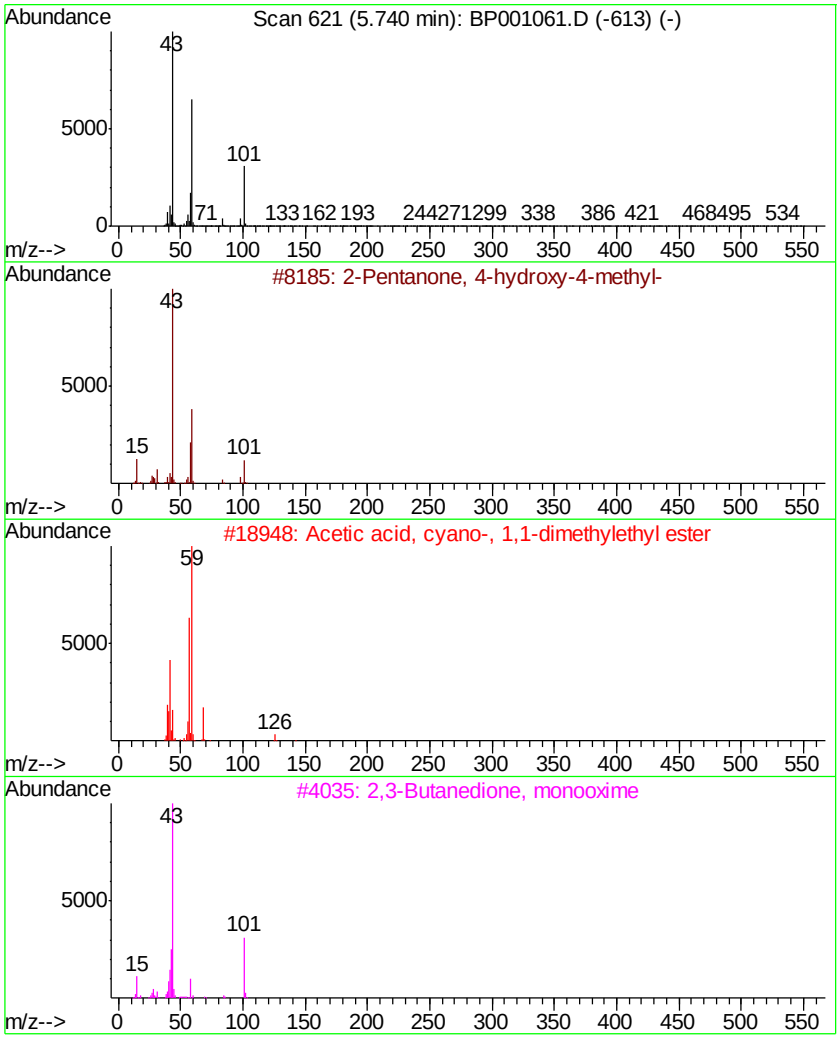
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

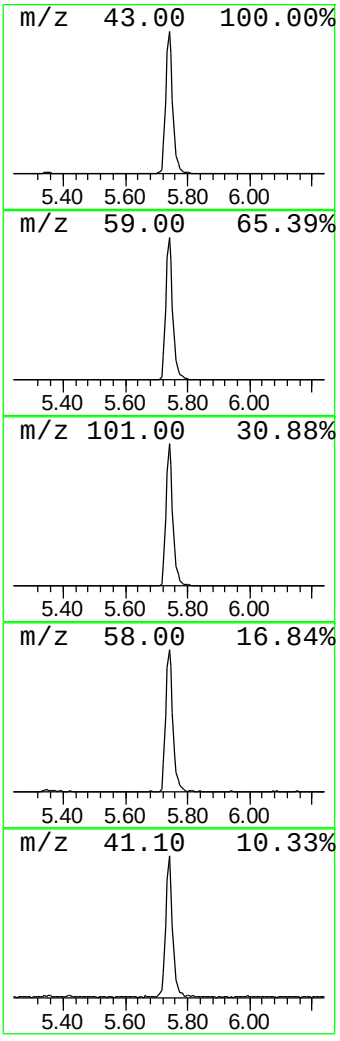
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	12.26 ng	727262	1,4-Dichlorobenzene-d4	8.37

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Data File : BP001061.D
Acq On : 16 Nov 2019 01:56
Operator : JU
Sample : K5861-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-2

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

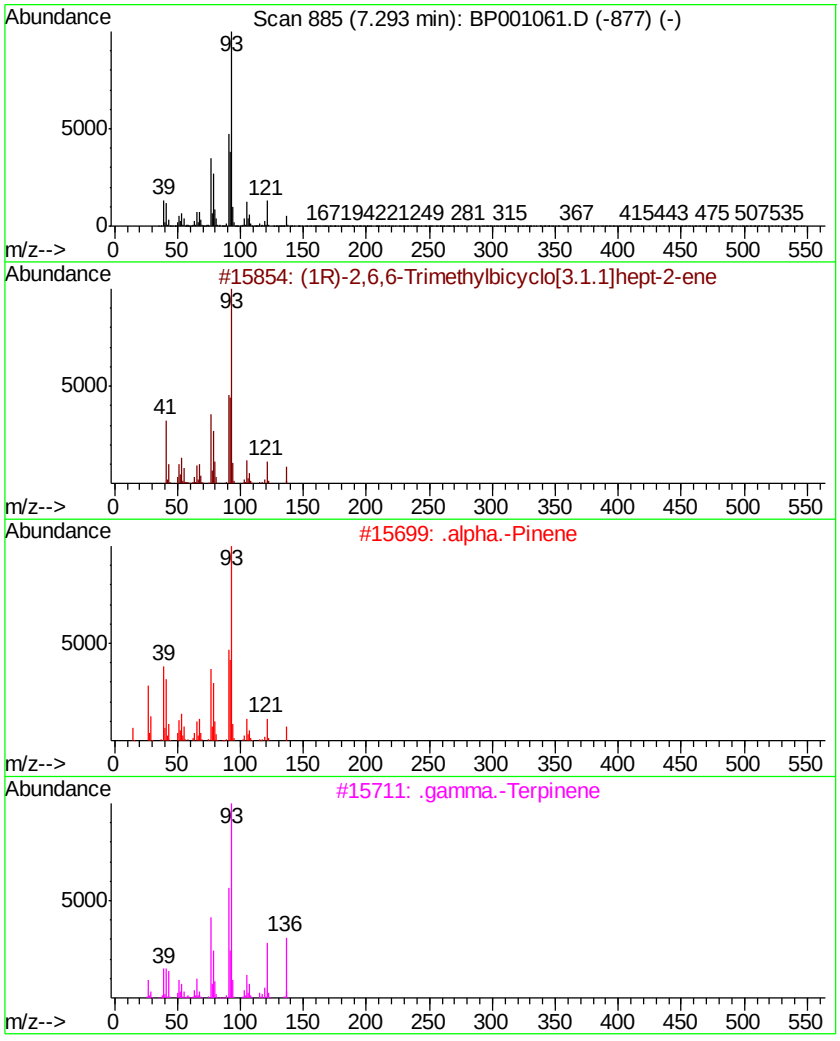
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

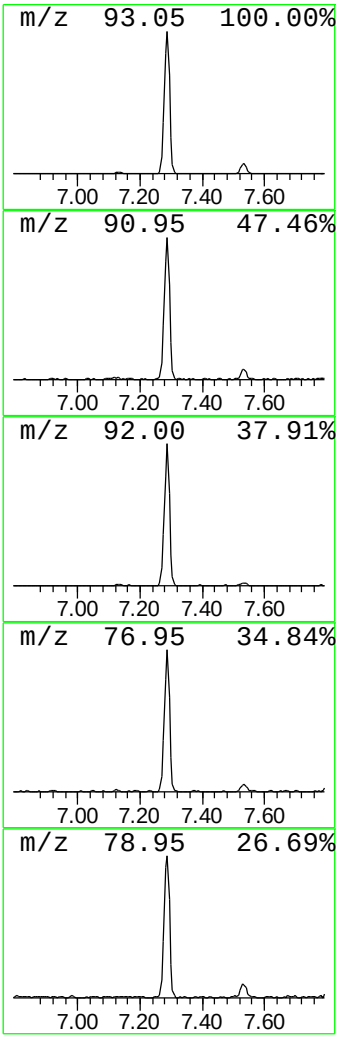
****

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	3.21 ng	190511	1,4-Dichlorobenzene-d4	8.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	.gamma.-Terpinene	136	C10H16	000099-85-4	93
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91





Library Search Compound Report

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Data File : BP001061.D
Acq On : 16 Nov 2019 01:56
Operator : JU
Sample : K5861-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-2

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

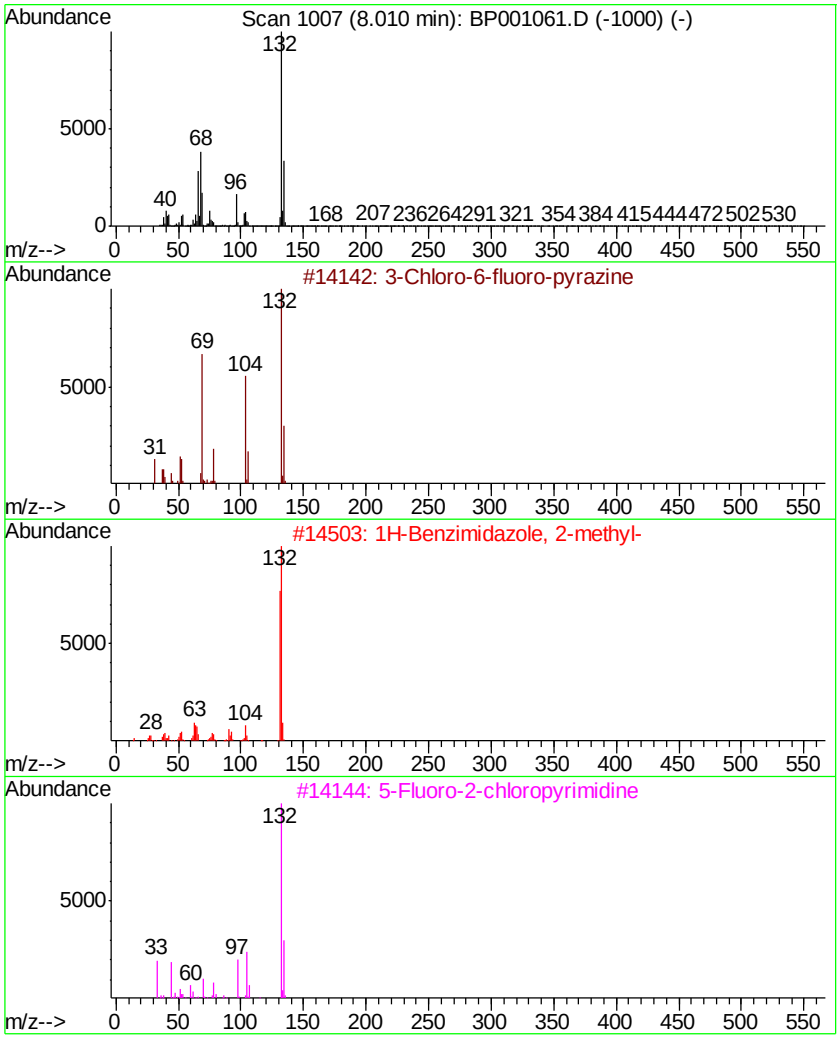
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

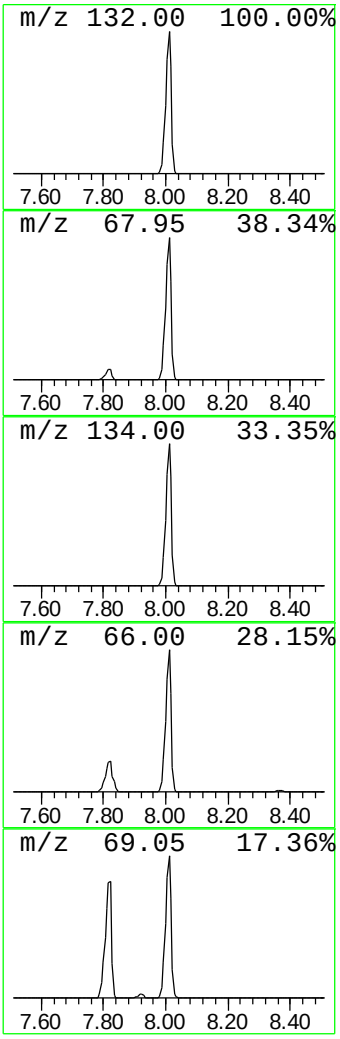
****

Peak Number 4 unknown8.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	83.13 ng	4931250	1,4-Dichlorobenzene-d4	8.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-2

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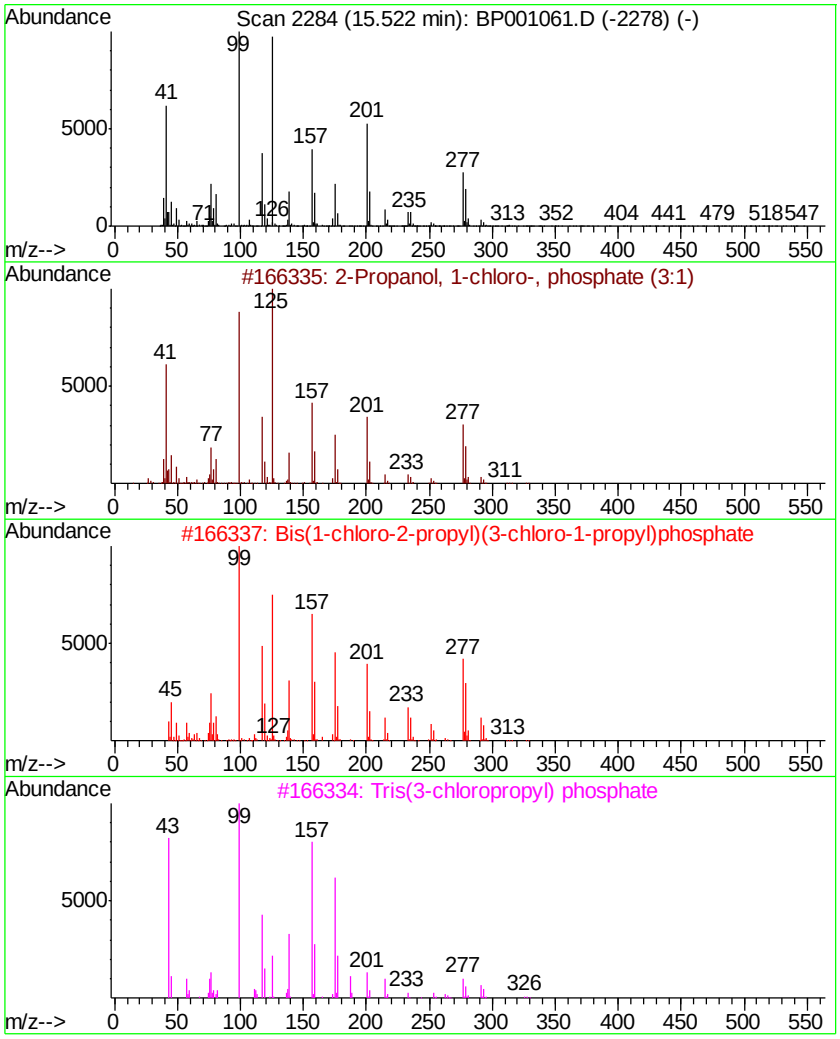
TIC Integration Parameters: LSCINT.P

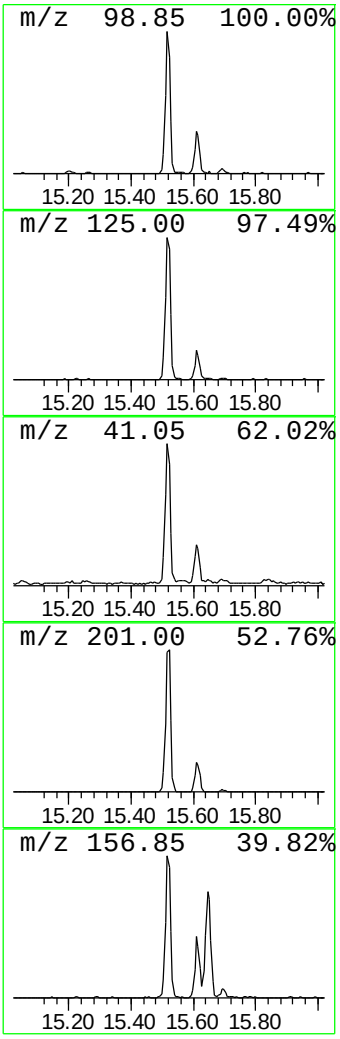
****

Peak Number 6 2-Propanol, 1-chloro-, phos... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.22 ng	217329	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	64
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	49
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	10
4	n-pentyl(1-propenyl)dimethylsilane	170	C10H22Si	136964-13-1	10
5	3-Ureidopropionic acid, N-dimeth...	215	C9H17N3O3	1000375-52-1	10





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Instrument : BNA_P
ClientSampleId : EP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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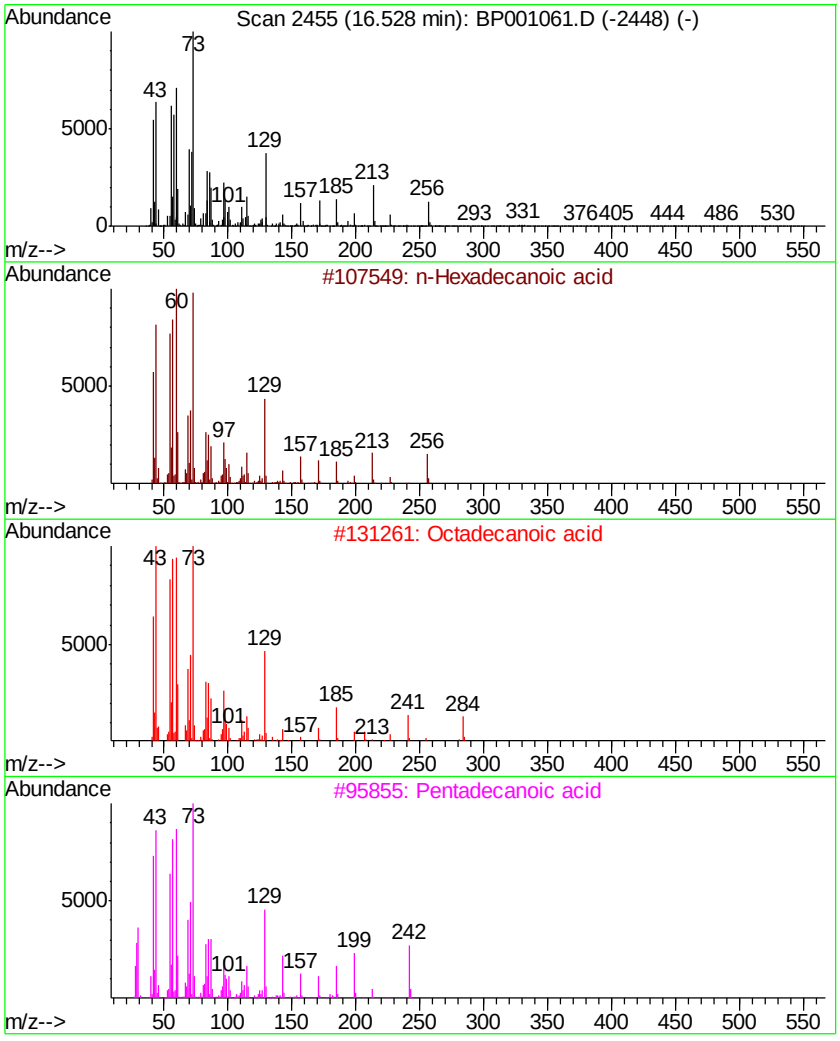
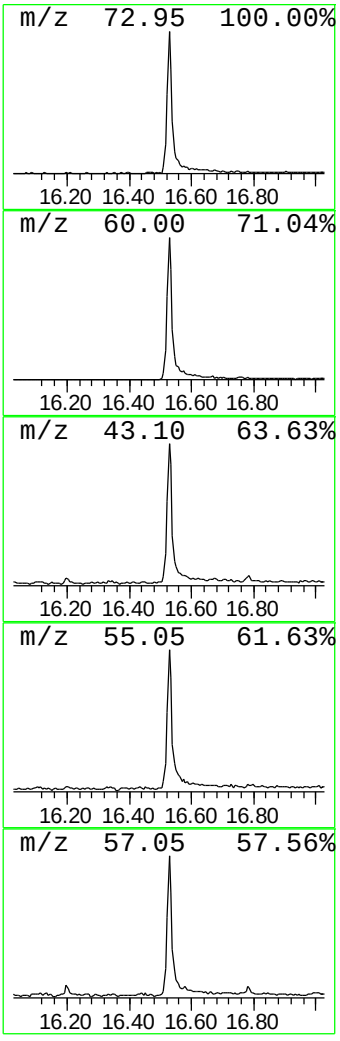
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.73 ng	463474	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Library Search Compound Report

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Acq On : 16 Nov 2019 01:56
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Sample : K5861-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EP-2

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

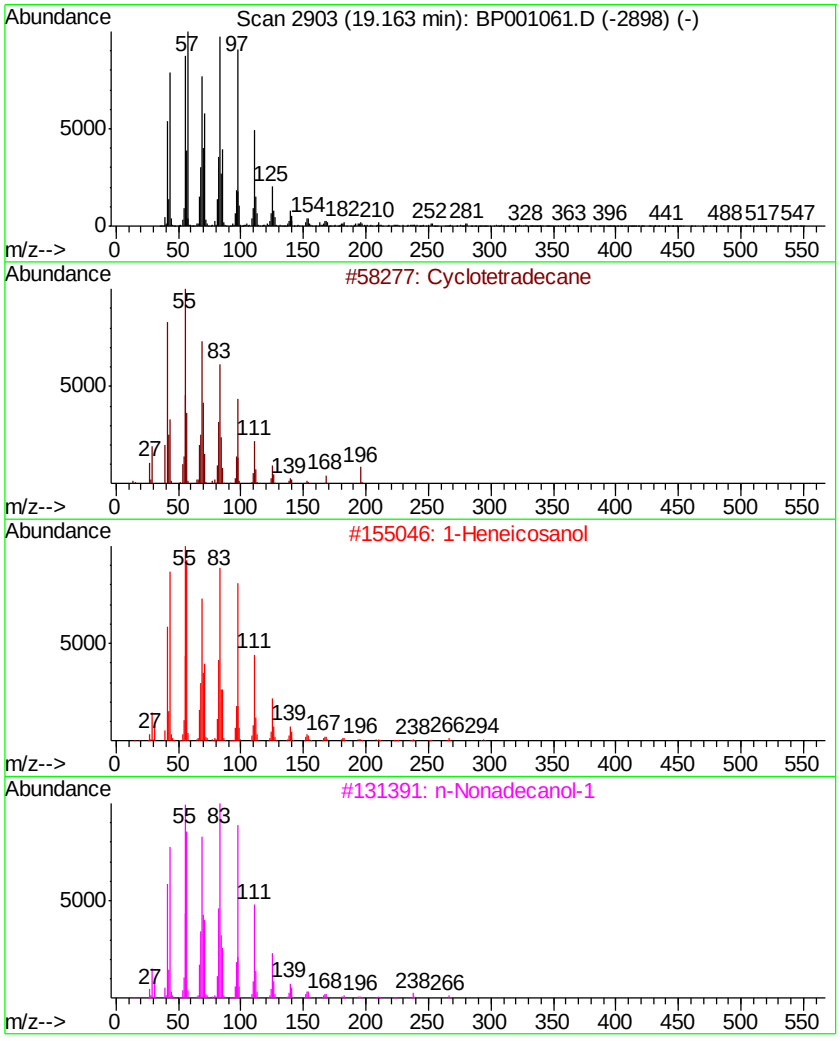
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

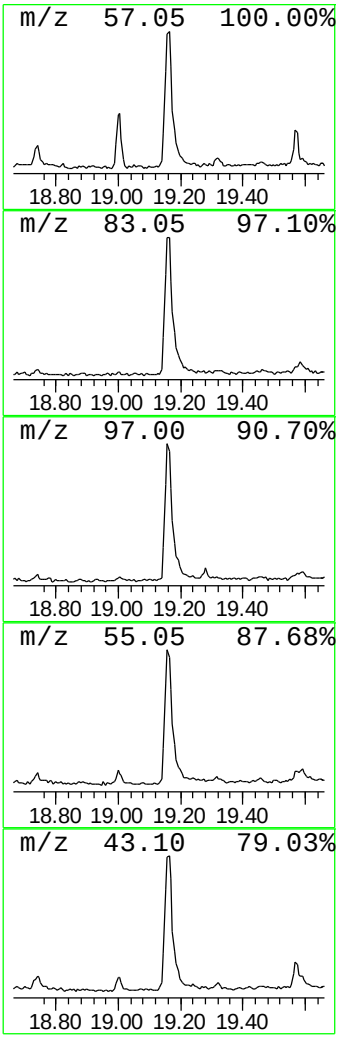
****

Peak Number 8 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	6.27 ng	610306	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





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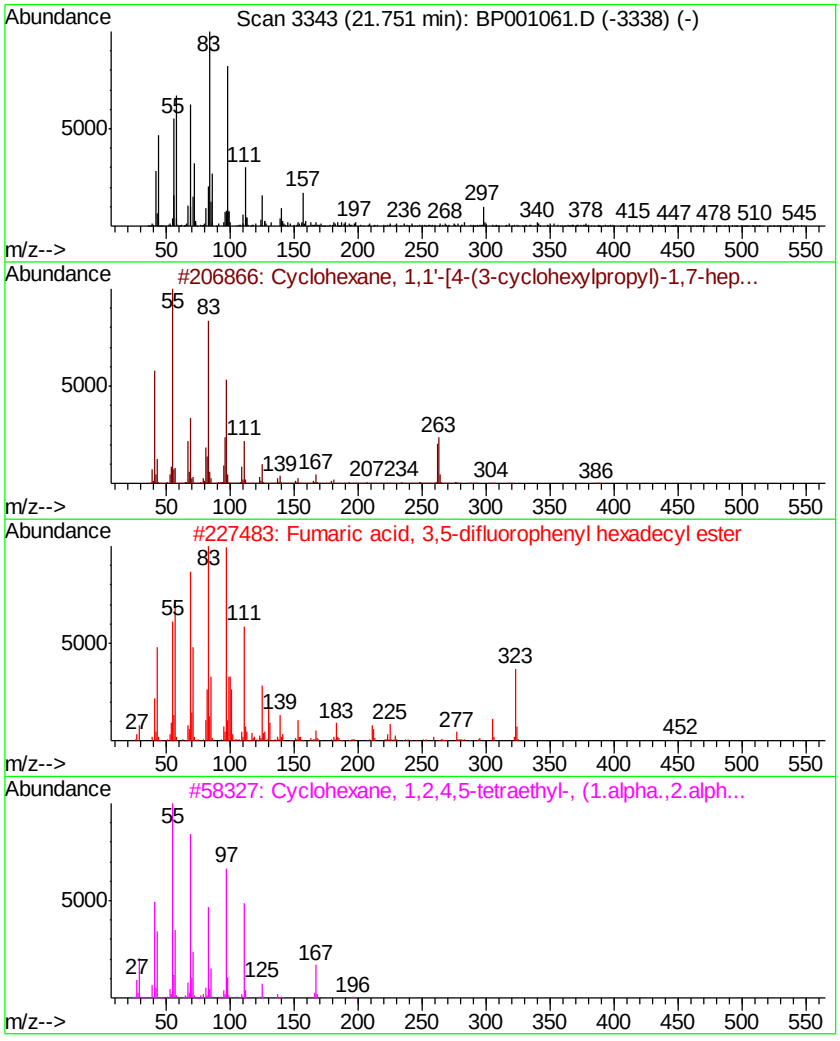
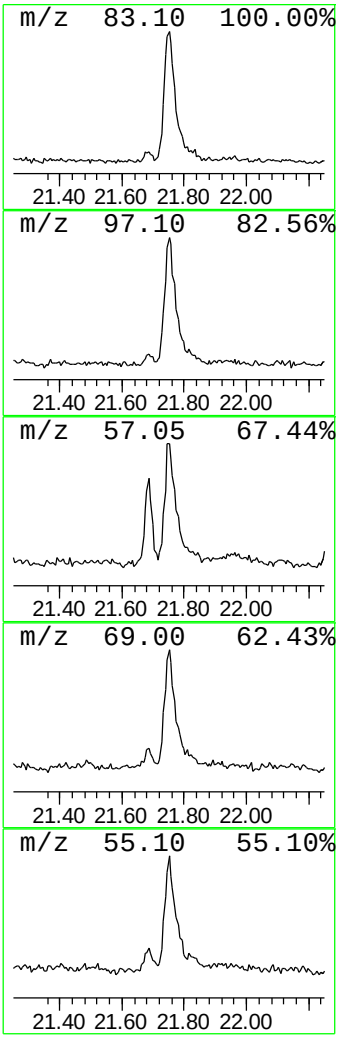
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,1'-[4-(3-cyc... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	3.72 ng	346030	Perylene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-[4-(3-cyclohex...	388	C28H52	055334-73-1	72
2	Fumaric acid, 3,5-difluorophenyl...	452	C26H38F2O4	1000339-38-1	55
3	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	49
4	Cyclohexanecarboxylic acid, 3,5-...	240	C13H14F2O2	1000293-69-2	42
5	Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP111519\
Data File : BP001061.D
Acq On : 16 Nov 2019 01:56
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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...	2.33	9.4	ng	558858	1	8.37	1186410	20.0
2-Pentanone, 4-hy...	5.74	12.3	ng	727262	1	8.37	1186410	20.0
(1R)-2,6,6-Trimet...	7.29	3.2	ng	190511	1	8.37	1186410	20.0
unknown8.01	8.01	83.1	ng	4931250	1	8.37	1186410	20.0
2-Propanol, 1-chl...	15.52	2.2	ng	217329	4	15.65	1960440	20.0
n-Hexadecanoic acid	16.53	4.7	ng	463474	4	15.65	1960440	20.0
Cyclotetradecane	19.16	6.3	ng	610306	5	19.28	1947950	20.0
Cyclohexane, 1,1'...	21.75	3.7	ng	346030	6	21.06	1860590	20.0