LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B2

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-BP010320.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	2.917	17	22	32	rBV2	34997	77340	3.92%	0.466%
2	2.999	32	36	51	rVB	137972	197052	10.00%	1.187%
3	4.869	347	354	362	rBV	179368	242161	12.29%	1.459%
4	5.316	424	430	440	rBV	784981	1133003	57.49%	6.827%
5	6.763	670	676	681	rBV2	12431	19794	1.00%	0.119%
6	6.887	689	697	708	rBV	863213	1382098	70.13%	8.328%
7	7.228	748	755	769	rVB	839170	1304223	66.18%	7.859%
8	7.681	824	832	841	rVB	228817	358469	18.19%	2.160%
9	7.999	876	886	893	rBV	657017	1046189	53.08%	6.304%
10	8.828	1016	1027	1036	rBV	546394	877259	44.51%	5.286%
11	10.457	1296	1304	1311	rBV	273662	455852	23.13%	2.747%
12	12.940	1719	1726	1734	rBV	1148957	1685212	85.51%	10.154%
13	13.792	1865	1871	1878	rBV	95200	130675	6.63%	0.787%
14	14.322	1954	1961	1969	rBV2	415114	600942	30.49%	3.621%
15	15.822	2209	2216	2224	rBV	972741	1404823	71.28%	8.465%
16	17.081	2424	2430	2434	rBV	507251	705870	35.82%	4.253%
17	17.122	2434	2437	2443	rVB	79356	102003	5.18%	0.615%
18	17.210	2449	2452	2459	rVB	25017	36062	1.83%	0.217%
19	17.498	2497	2501	2508	rVB4	12769	20546	1.04%	0.124%
20	17.957	2575	2579	2583	rBV	21033	31319	1.59%	0.189%
21	18.016	2583	2589	2595	rVV2	154533	218497	11.09%	1.317%
22	18.075	2595	2599	2605	rVB	48600	66664	3.38%	0.402%
23	18.139	2607	2610	2615	rVB2	16334	24423	1.24%	0.147%
24	18.845	2727	2730	2735	rBV6	36040	49095	2.49%	0.296%
25	19.098	2769	2773	2778	rBV	181459	239969	12.18%	1.446%
26	19.257	2797	2800	2804	rVB3	33447	36566	1.86%	0.220%
27	19.451	2826	2833	2836	rBV	162037	233910	11.87%	1.409%
28	19.663	2864	2869	2875	rBV	1637821	1970829	100.00%	11.875%
29	19.998	2923	2926	2929	rBV	61969	65874	3.34%	0.397%
30	20.486	3006	3009	3013	rVB	90652	93803	4.76%	0.565%
31	20.927	3081	3084	3092	rVB3	274586	376847	19.12%	2.271%
32	21.127	3115	3118	3121	rBV	130366	140956	7.15%	0.849%
33	21.180	3122	3127	3130	rBV2	522913	708307	35.94%	4.268%
34	23.427	3505	3509	3516	rVB2	312833	559560	28.39%	3.372%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

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-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16596192

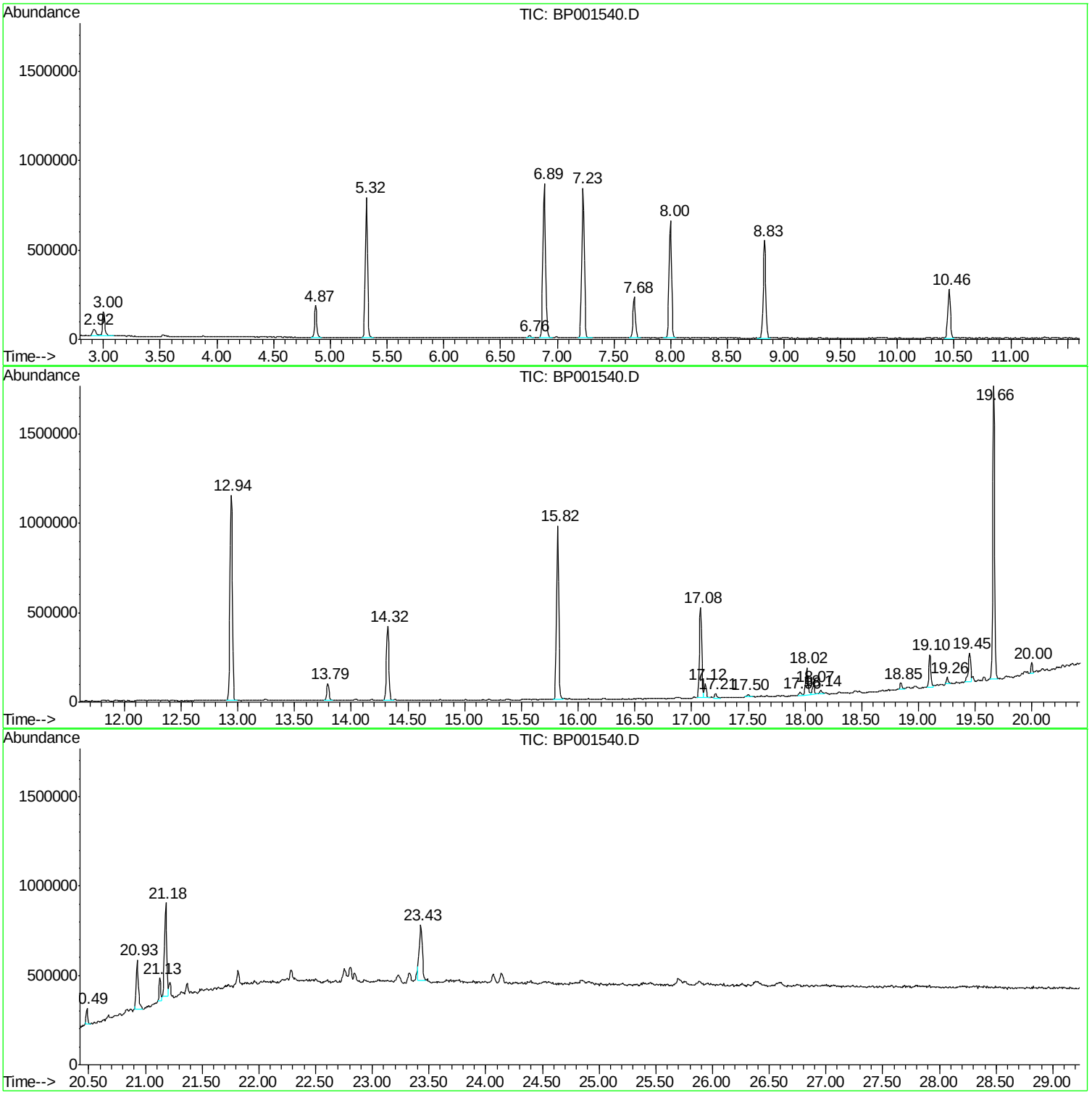
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

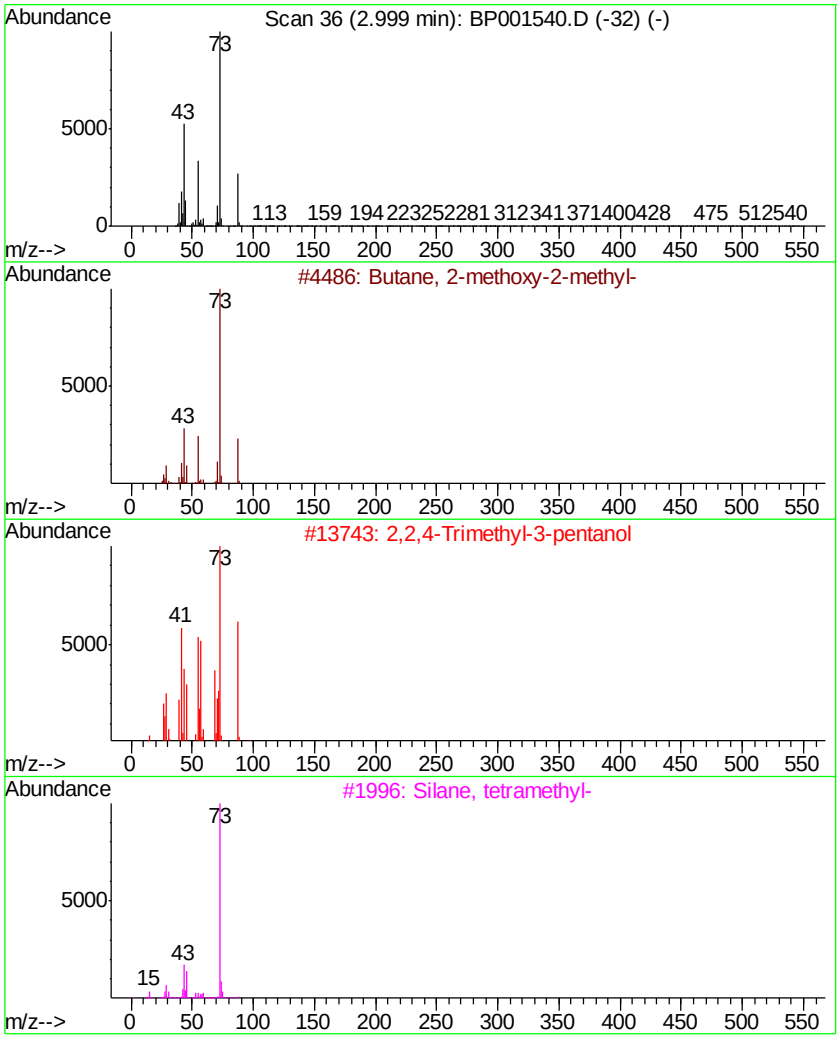
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

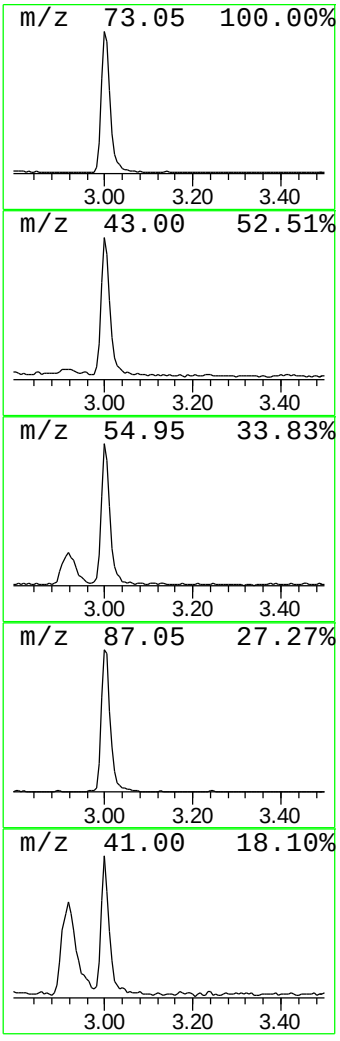
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	10.99 ng	197052	1,4-Dichlorobenzene-d4	7.68

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	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

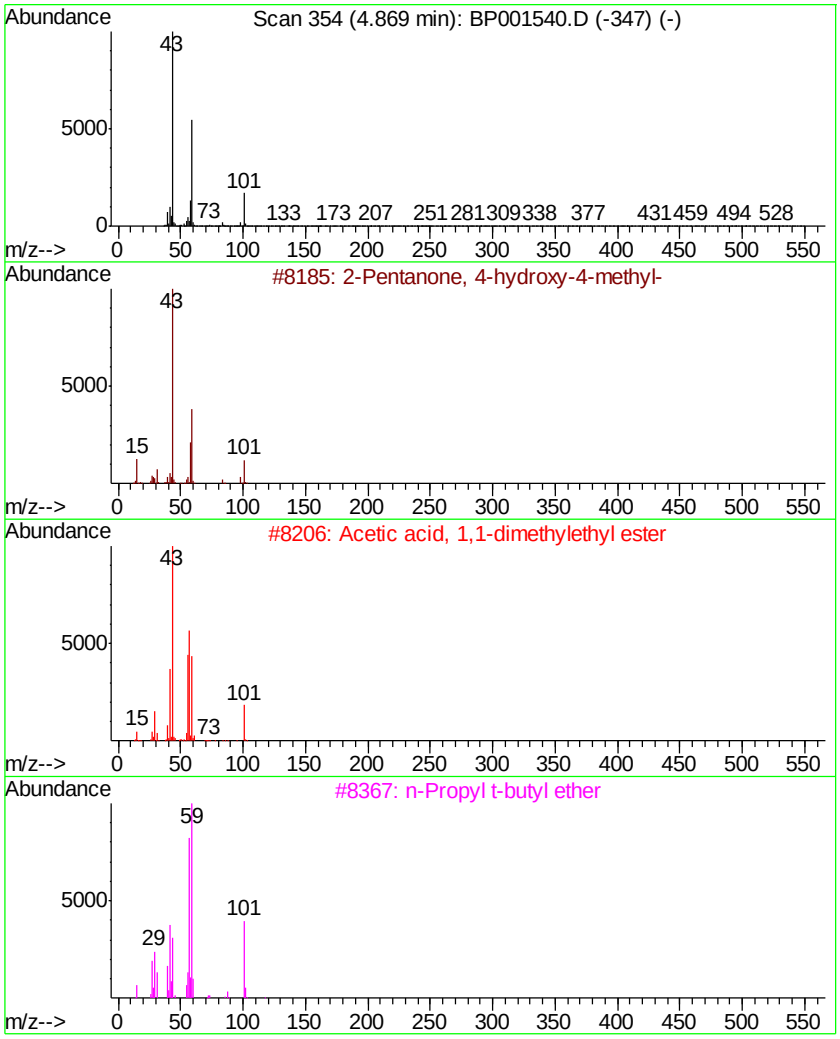
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

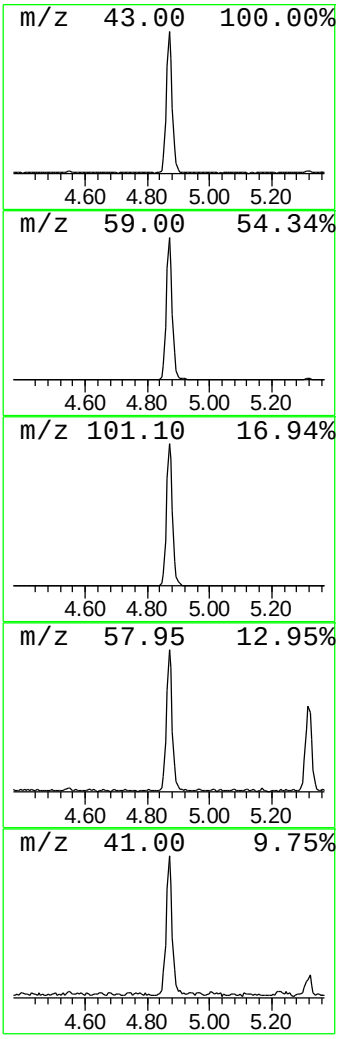
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	13.51 ng	242161	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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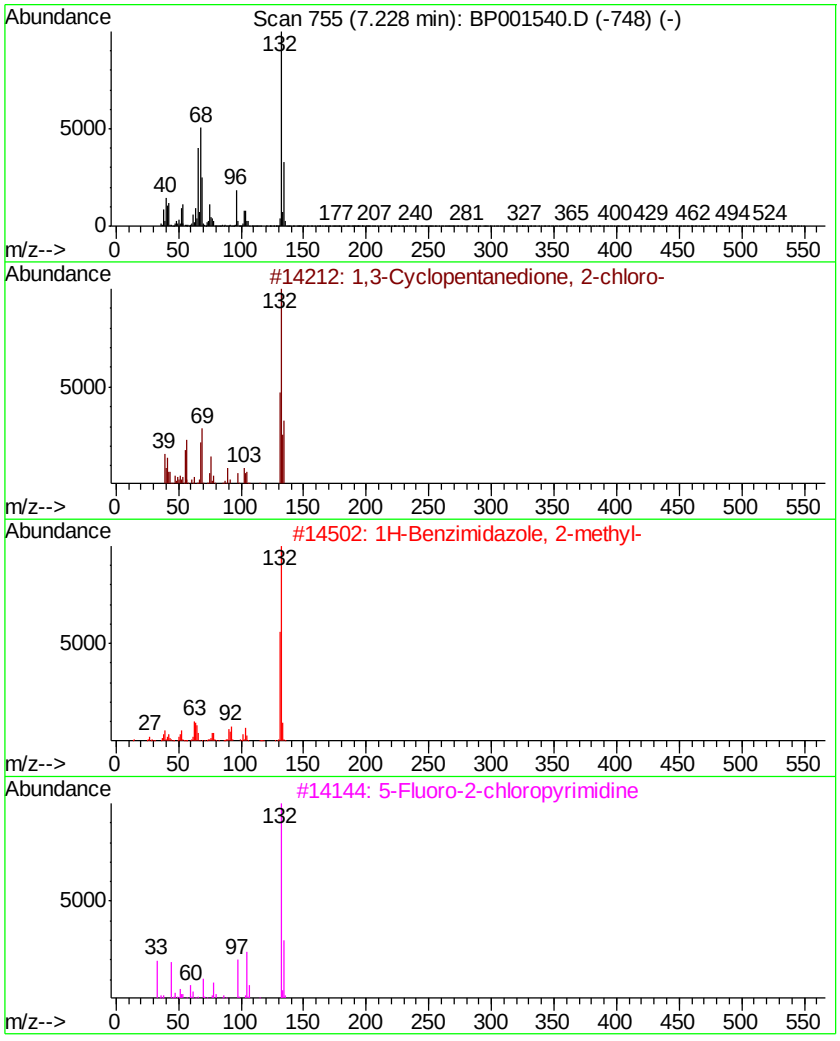
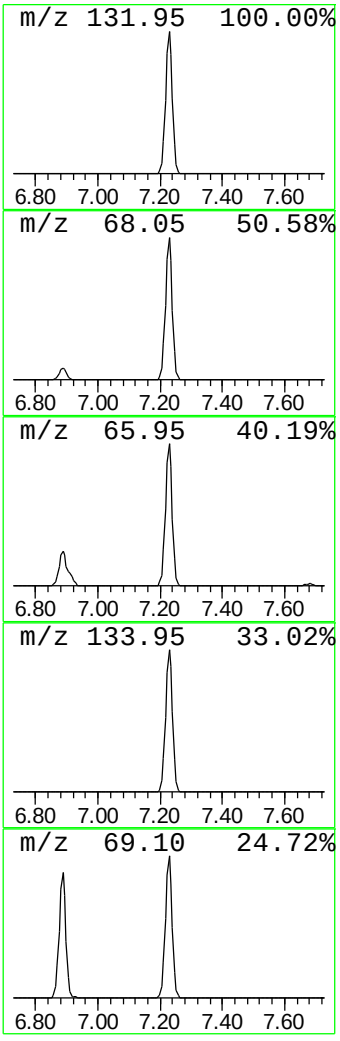
Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	72.77 ng	1304220	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

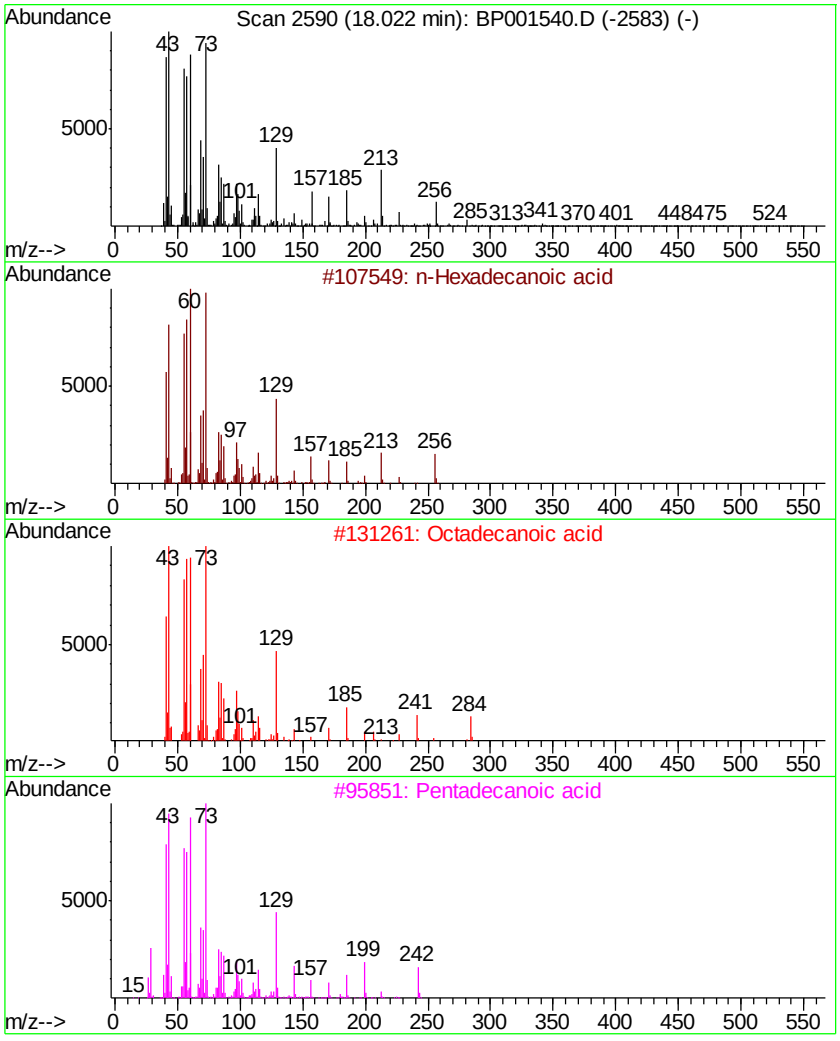
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

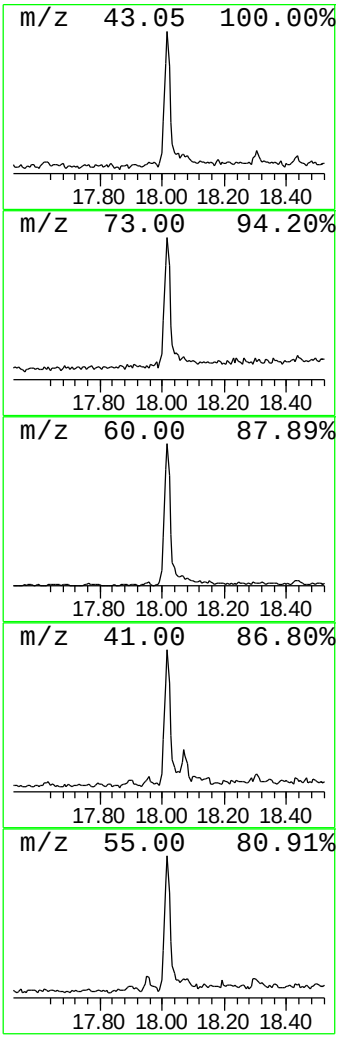
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	6.19 ng	218497	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

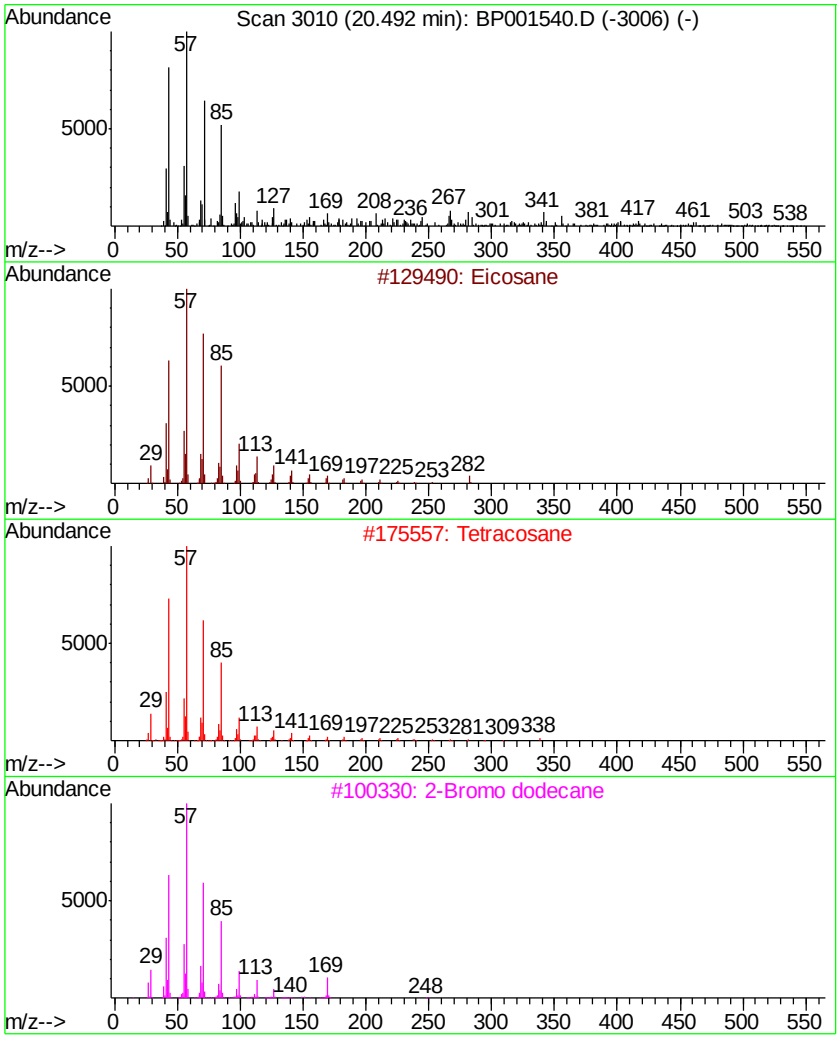
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

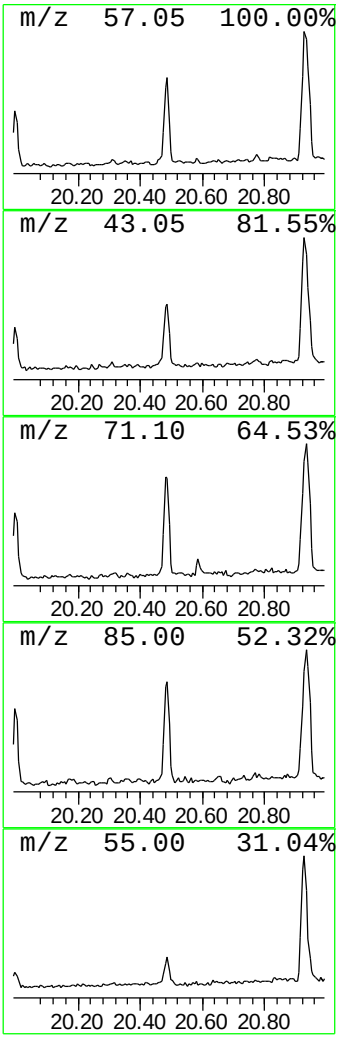
****

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	2.65 ng	93803	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetracosane	338	C24H50	000646-31-1	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80





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Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

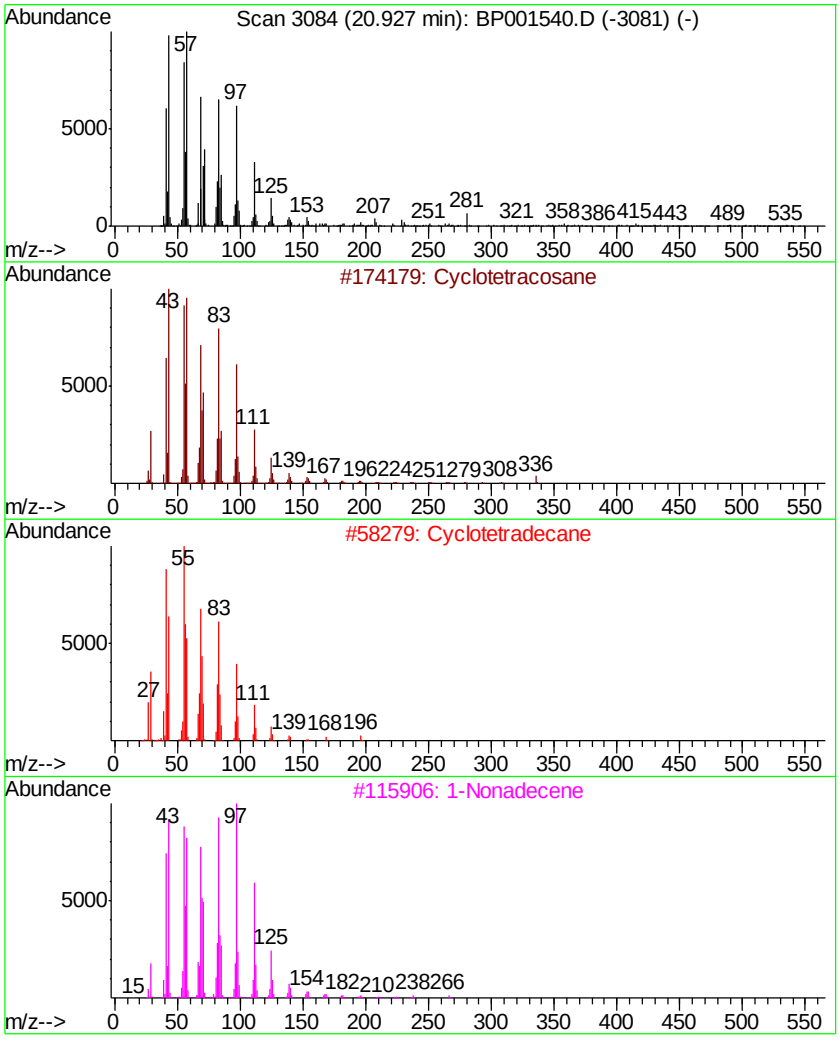
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

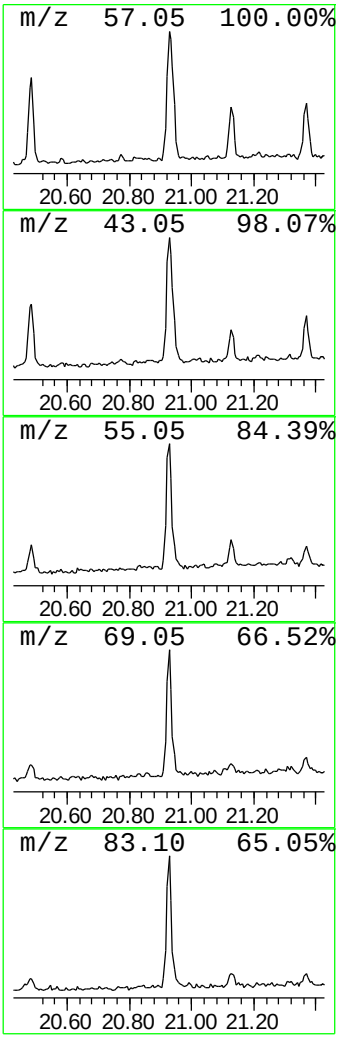
****

Peak Number 8 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	10.64 ng	376847	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	Cyclotetradecane	196	C14H28	000295-17-0	94
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	1-Docosene	308	C22H44	001599-67-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010620\
Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
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Misc :
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Instrument : BNA_P
ClientSampleId : MC-123019-2-5-COMP-B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
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...	3.00	11.0	ng	197052	1	7.68	358469	20.0
2-Pentanone, 4-hy...	4.87	13.5	ng	242161	1	7.68	358469	20.0
unknown7.23	7.23	72.8	ng	1304220	1	7.68	358469	20.0
n-Hexadecanoic acid	18.02	6.2	ng	218497	4	17.08	705870	20.0
Eicosane	20.49	2.6	ng	93803	5	21.18	708307	20.0
Cyclotetracosane	20.93	10.6	ng	376847	5	21.18	708307	20.0