LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009832.D
Acq On : 22 Feb 2020 06:26
Operator : CG/JU
Sample : L1535-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6R3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.878	295	298	299	rBV	4480711	3152761	0.66%	0.623%
2	1.937	299	308	315	rBV5	95337101	477061907	100.00%	94.343%
3	2.707	434	439	448	rBV	588475	1124897	0.24%	0.222%
4	2.784	448	452	467	rVB	1687396	2199230	0.46%	0.435%
5	7.389	1228	1235	1246	rBV	594420	927898	0.19%	0.183%
6	10.136	1695	1702	1708	rBV	851211	1336971	0.28%	0.264%
7	13.460	2262	2267	2272	rBV	355710	510341	0.11%	0.101%
8	13.718	2305	2311	2321	rBV	433870	656712	0.14%	0.130%
9	14.030	2358	2364	2371	rBV2	1162568	1695515	0.36%	0.335%
10	15.036	2529	2535	2541	rBV	556579	794846	0.17%	0.157%
11	16.789	2827	2833	2837	rBV	1367530	1900643	0.40%	0.376%
12	16.889	2844	2850	2854	rBV	578489	809269	0.17%	0.160%
13	18.859	3178	3185	3191	rVB	547422	722839	0.15%	0.143%
14	19.195	3237	3242	3245	rBV2	811009	1208990	0.25%	0.239%
15	19.224	3245	3247	3256	rVB	505167	592140	0.12%	0.117%
16	20.748	3503	3506	3511	rVV2	398031	574996	0.12%	0.114%
17	21.000	3543	3549	3553	rBV2	1603561	2614570	0.55%	0.517%
18	21.042	3553	3556	3560	rVB	621037	730899	0.15%	0.145%
19	22.506	3797	3805	3810	rBV2	732899	1962644	0.41%	0.388%
20	22.971	3880	3884	3888	rVV	469096	743940	0.16%	0.147%
21	23.018	3888	3892	3899	rVB2	527111	945933	0.20%	0.187%
22	23.100	3900	3906	3912	rBV	1078830	1935493	0.41%	0.383%
23	23.606	3987	3992	3999	rVB	446309	760817	0.16%	0.150%
24	25.141	4248	4253	4268	rVB4	216772	704932	0.15%	0.139%

Sum of corrected areas: 505669183

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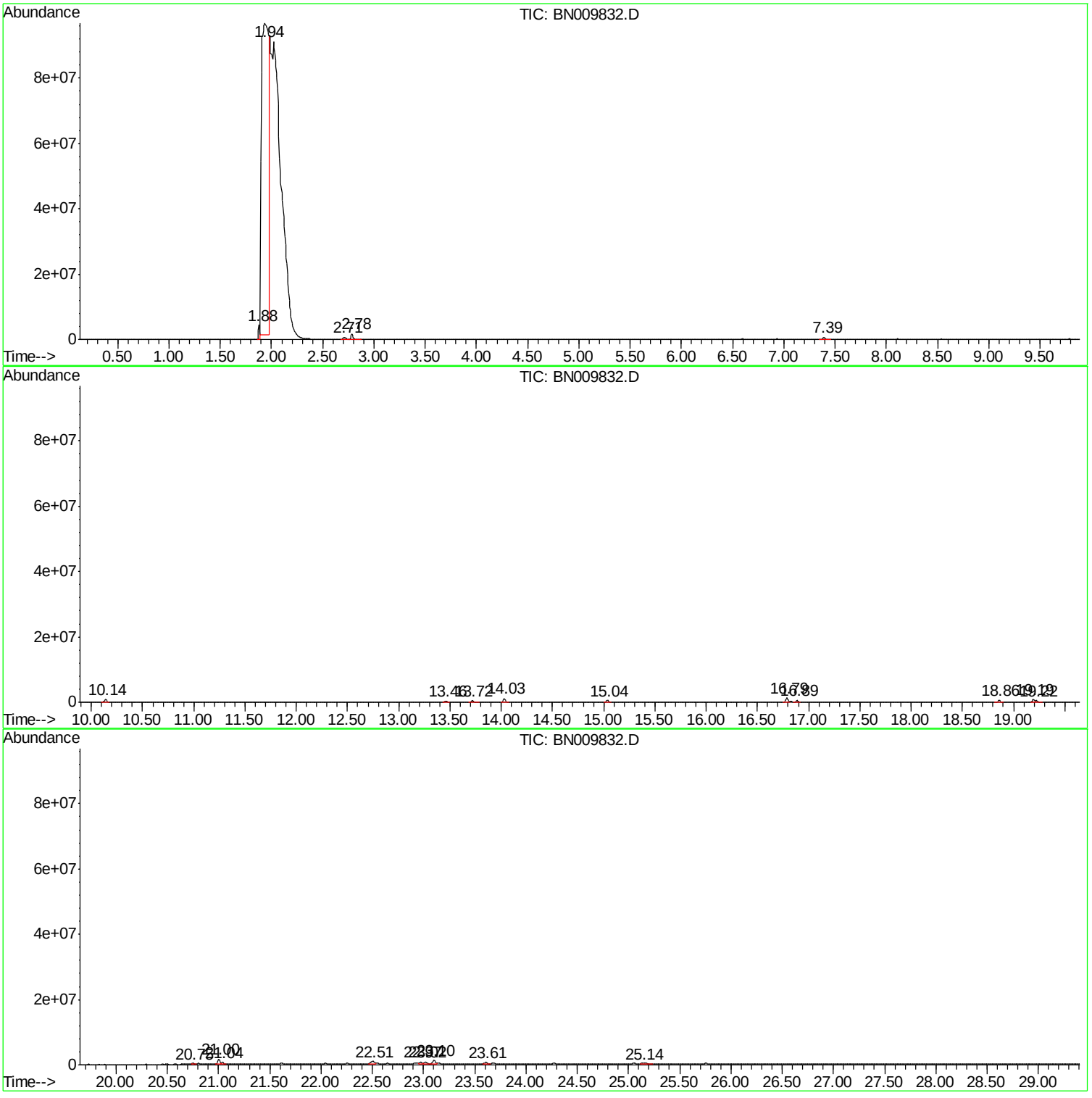
Instrument :
BNA_N
ClientSampleId :
CB6R3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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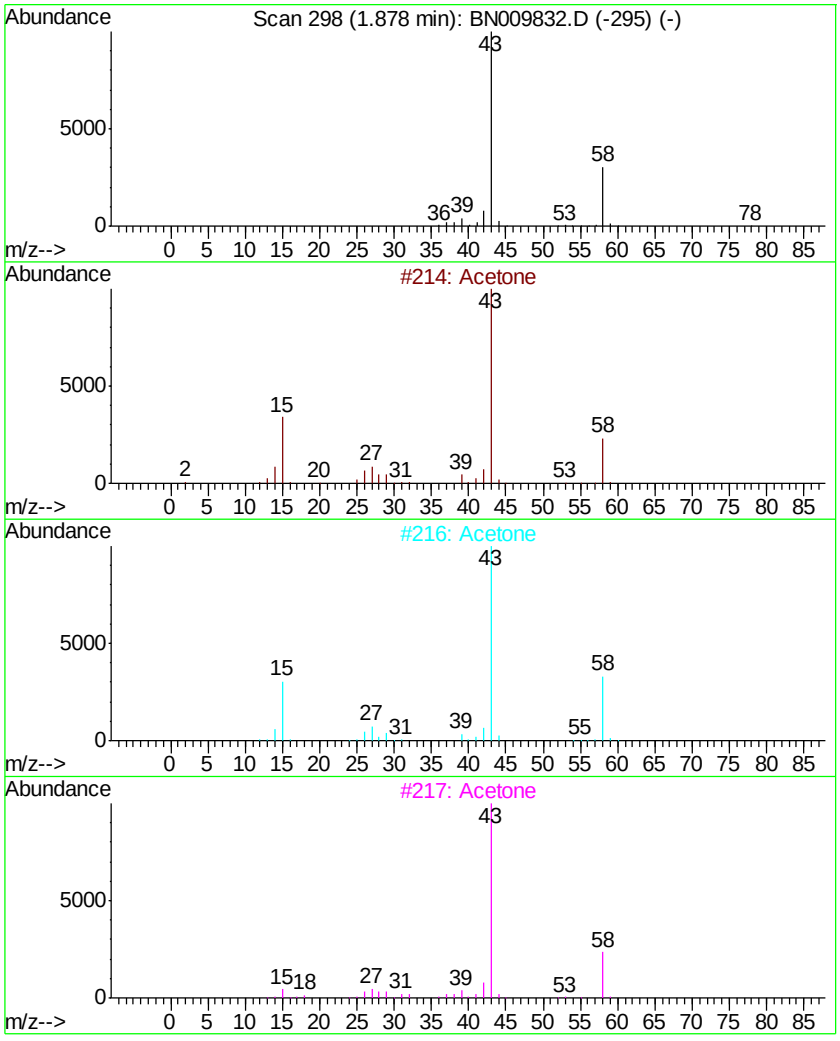
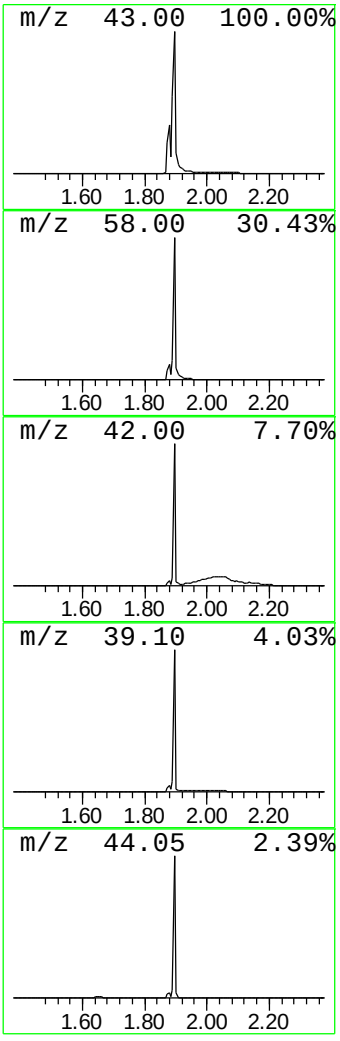
Peak Number 1 Acetone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.88	67.95 ng/ul	3152760	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetone	58	C3H6O	000067-64-1	80
2	Acetone	58	C3H6O	000067-64-1	72
3	Acetone	58	C3H6O	000067-64-1	72
4	Acetone	58	C3H6O	000067-64-1	53
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6R3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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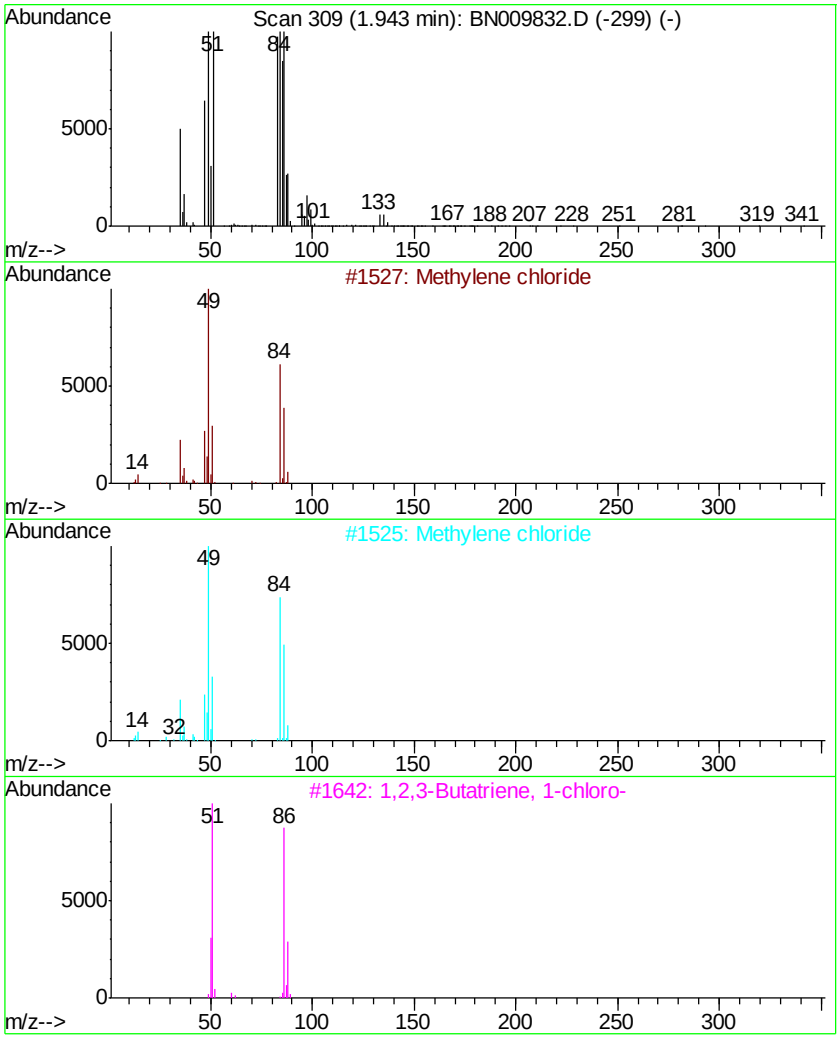
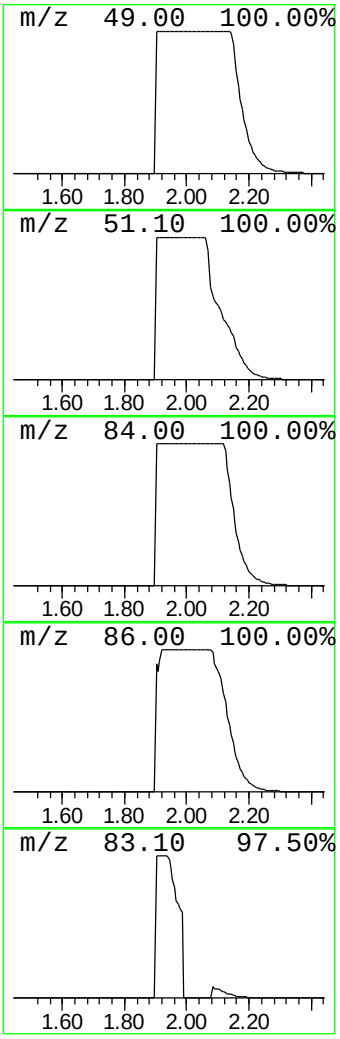
Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.94	10282.60 ng/ul	477062000	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene chloride	84	CH2Cl2	000075-09-2	38
2	Methylene chloride	84	CH2Cl2	000075-09-2	32
3	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	27
4	1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	27
5	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	27





Library Search Compound Report

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Sample : L1535-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6R3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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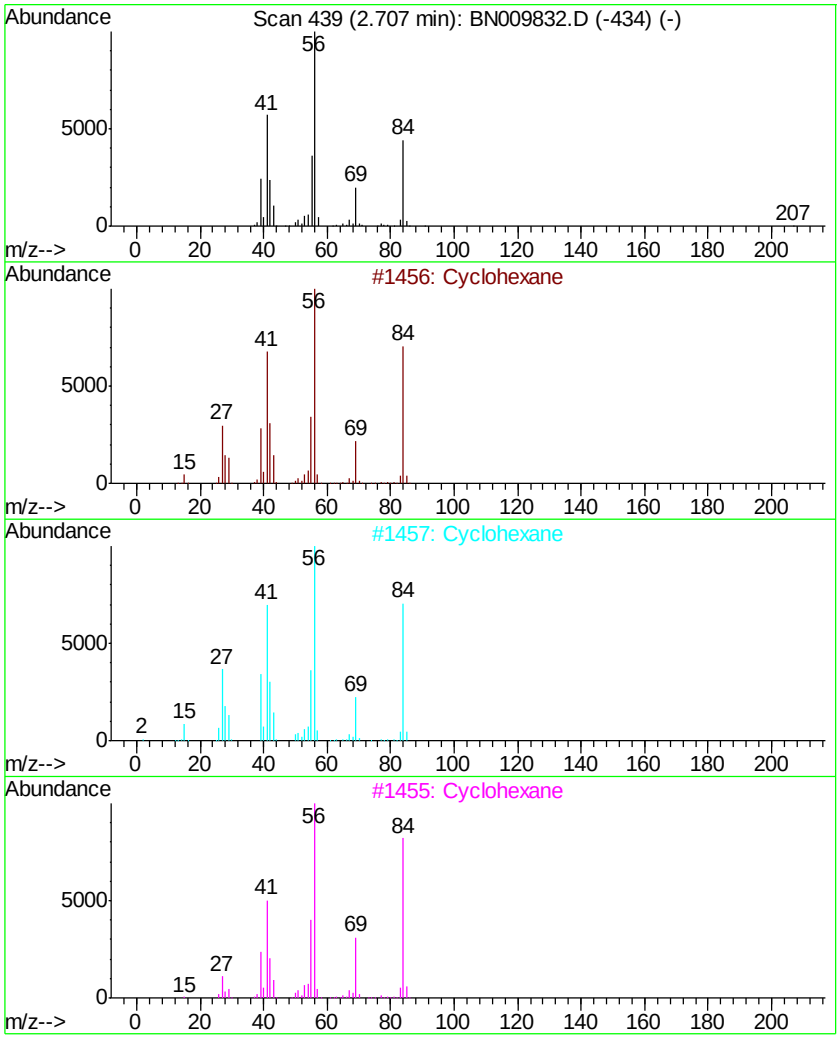
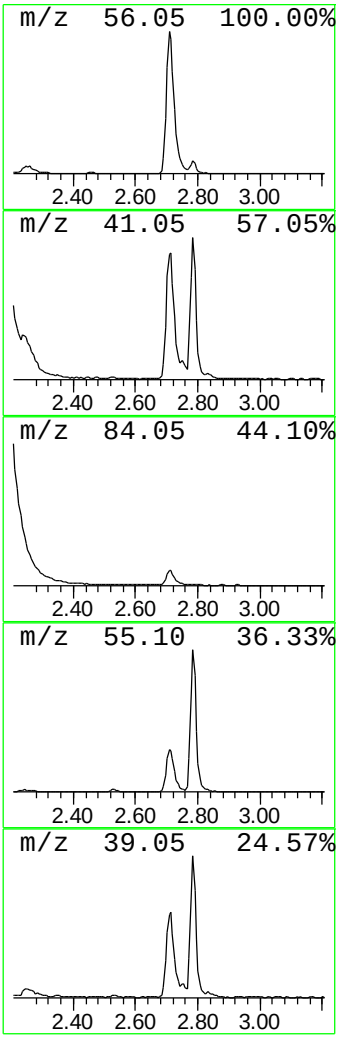
Peak Number 3 (DEL) Alkane: Cyclic2.71 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	24.25 ng/ul	1124900	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	90
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64





Library Search Compound Report

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Data File : BN009832.D
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Operator : CG/JU
Sample : L1535-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6R3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

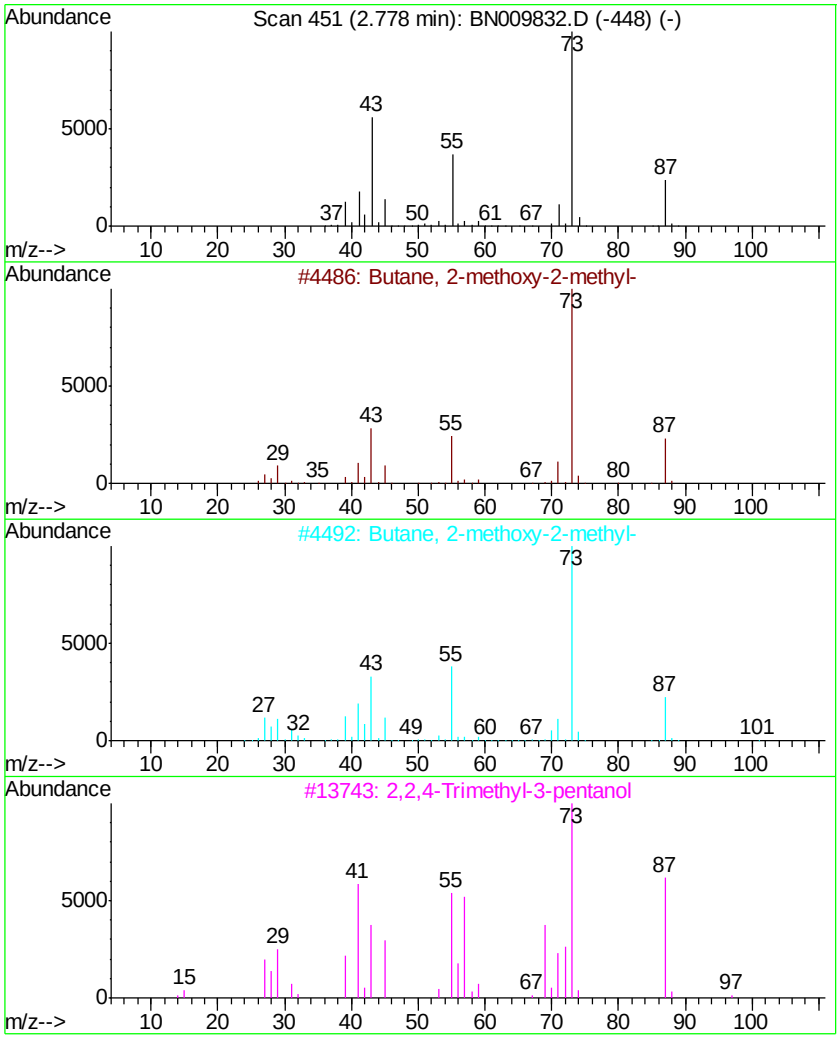
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

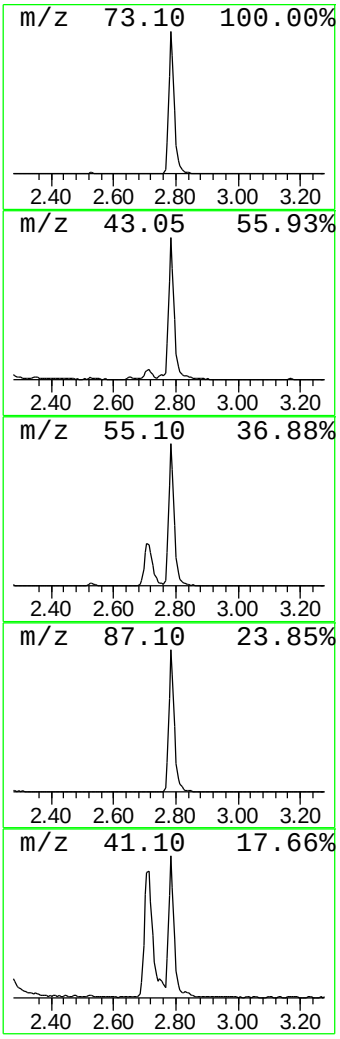
****

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	47.40 ng/ul	2199230	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
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Acq On : 22 Feb 2020 06:26
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Sample : L1535-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6R3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

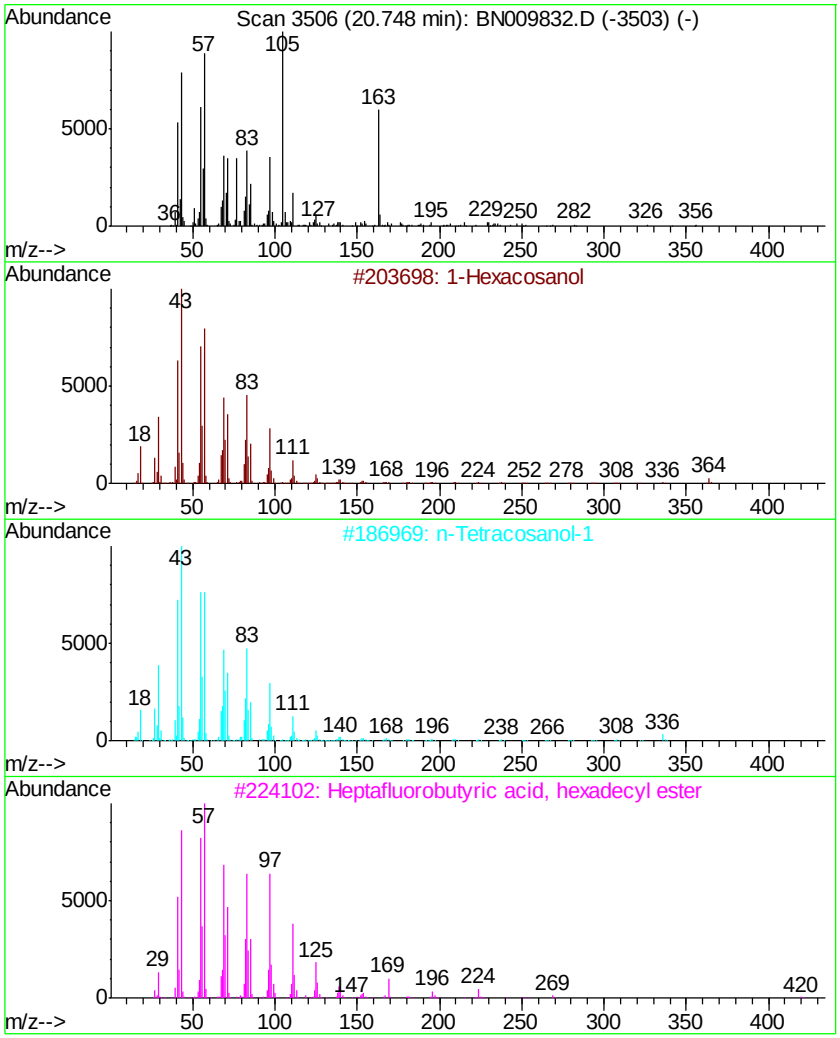
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

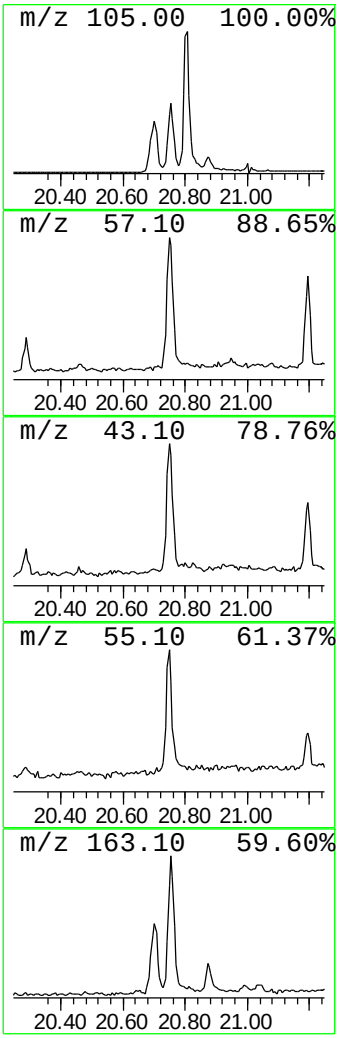
****

Peak Number 5 1-Hexacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	4.40 ng/ul	574996	Chrysene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	55
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	55
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	49
4	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	49
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	49





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Misc :
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Instrument : BNA_N
ClientSampleId : CB6R3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

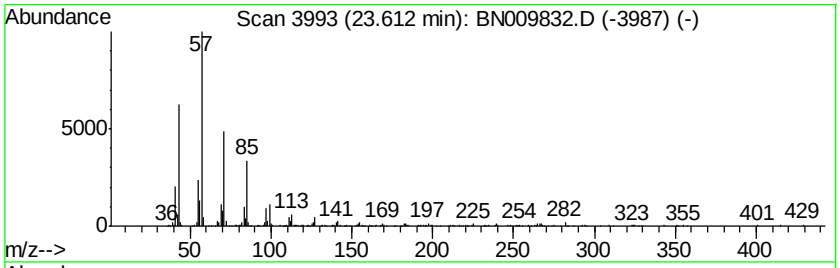
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

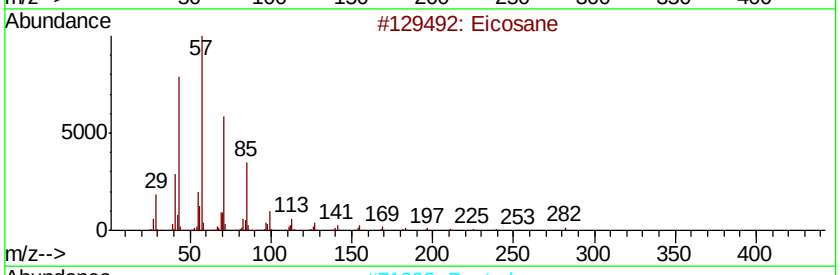
****

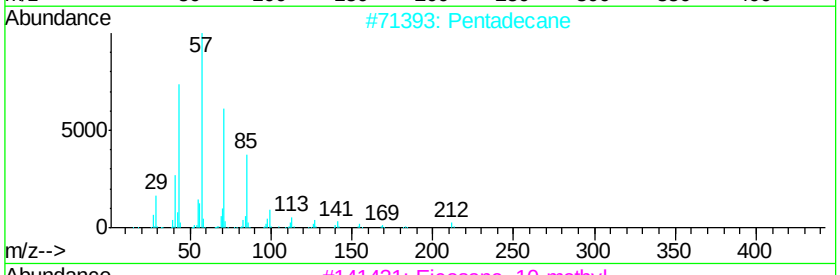
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

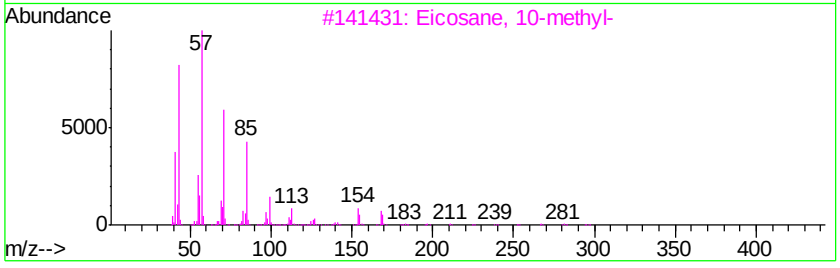
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	7.86 ng/ul	760817	Perylene-d12	23.10

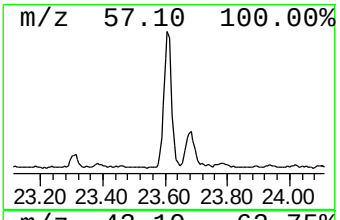
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Pentadecane	212	C15H32	000629-62-9	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	89
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	89
5	Heptacosane	380	C27H56	000593-49-7	87

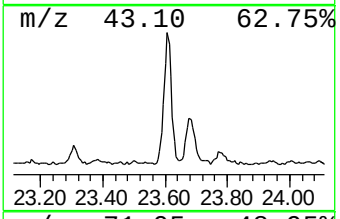


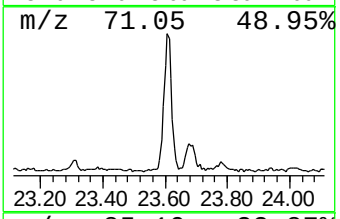


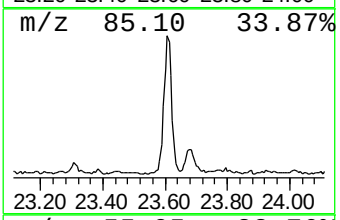


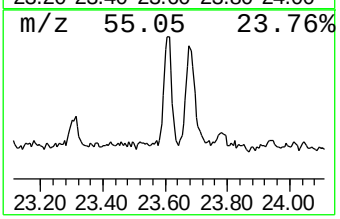












Tentatively Identified Compound (LSC) summary

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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
Acetone	1.88	68.0	ng/ul	3152760	1	7.39	927898	20.0
unknown-01	1.94	10282.6	ng/ul	477062000	1	7.39	927898	20.0
(DEL) Alkane: Cyc...	2.71	24.3	ng/ul	1124900	1	7.39	927898	20.0
Butane, 2-methoxy...	2.78	47.4	ng/ul	2199230	1	7.39	927898	20.0
1-Hexacosanol	20.75	4.4	ng/ul	574996	5	21.01	2614570	20.0
(DEL) Alkane: Str...	23.61	7.9	ng/ul	760817	6	23.10	1935490	20.0