LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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	2.916	17	22	29	rBV	27377	56097	2.27%	0.300%
2	2.999	32	36	52	rVB	160677	228543	9.24%	1.222%
3	4.869	348	354	360	rBV	192560	265938	10.75%	1.422%
4	5.316	423	430	440	rBV	900712	1328908	53.70%	7.106%
5	6.887	689	697	709	rBV	1008508	1595965	64.49%	8.535%
6	7.228	747	755	763	rBV	966908	1507489	60.92%	8.061%
7	7.681	824	832	841	rBV	242484	381502	15.42%	2.040%
8	7.999	878	886	893	rBV	758177	1189450	48.06%	6.361%
9	8.828	1019	1027	1035	rBV	630462	992446	40.10%	5.307%
10	10.457	1296	1304	1311	rBV	290328	489861	19.79%	2.620%
11	12.939	1719	1726	1733	rBV	1355286	2016777	81.50%	10.785%
12	13.792	1864	1871	1877	rBV	59736	82422	3.33%	0.441%
13	14.322	1954	1961	1967	rBV	445006	638463	25.80%	3.414%
14	15.822	2209	2216	2225	rVB	1108068	1568245	63.37%	8.386%
15	17.080	2424	2430	2434	rBV	511122	728075	29.42%	3.893%
16	17.122	2434	2437	2442	rVB	121840	158382	6.40%	0.847%
17	17.210	2448	2452	2458	rVB	37055	47919	1.94%	0.256%
18	17.957	2574	2579	2583	rBV	42301	61000	2.46%	0.326%
19	18.016	2583	2589	2596	rVV2	206676	314369	12.70%	1.681%
20	18.139	2605	2610	2614	rBV3	47132	82399	3.33%	0.441%
21	18.180	2614	2617	2622	rVB	30558	38204	1.54%	0.204%
22	18.439	2658	2661	2665	rBV2	18258	26857	1.09%	0.144%
23	18.474	2665	2667	2675	rVB4	19520	28449	1.15%	0.152%
24	18.851	2727	2731	2735	rBV2	37167	56501	2.28%	0.302%
25	18.980	2751	2753	2760	rVB6	19673	31295	1.26%	0.167%
26	19.098	2769	2773	2779	rBV	205496	283942	11.47%	1.518%
27	19.257	2796	2800	2805	rBV2	64835	92759	3.75%	0.496%
28	19.451	2829	2833	2837	rVB	172630	199995	8.08%	1.069%
29	19.663	2864	2869	2880	rVB	2048769	2474711	100.00%	13.234%
30	20.927	3080	3084	3089	rBV	329749	367442	14.85%	1.965%
31	21.180	3121	3127	3131	rBV2	580911	844498	34.13%	4.516%
32	23.427	3506	3509	3516	rVB	325400	521032	21.05%	2.786%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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

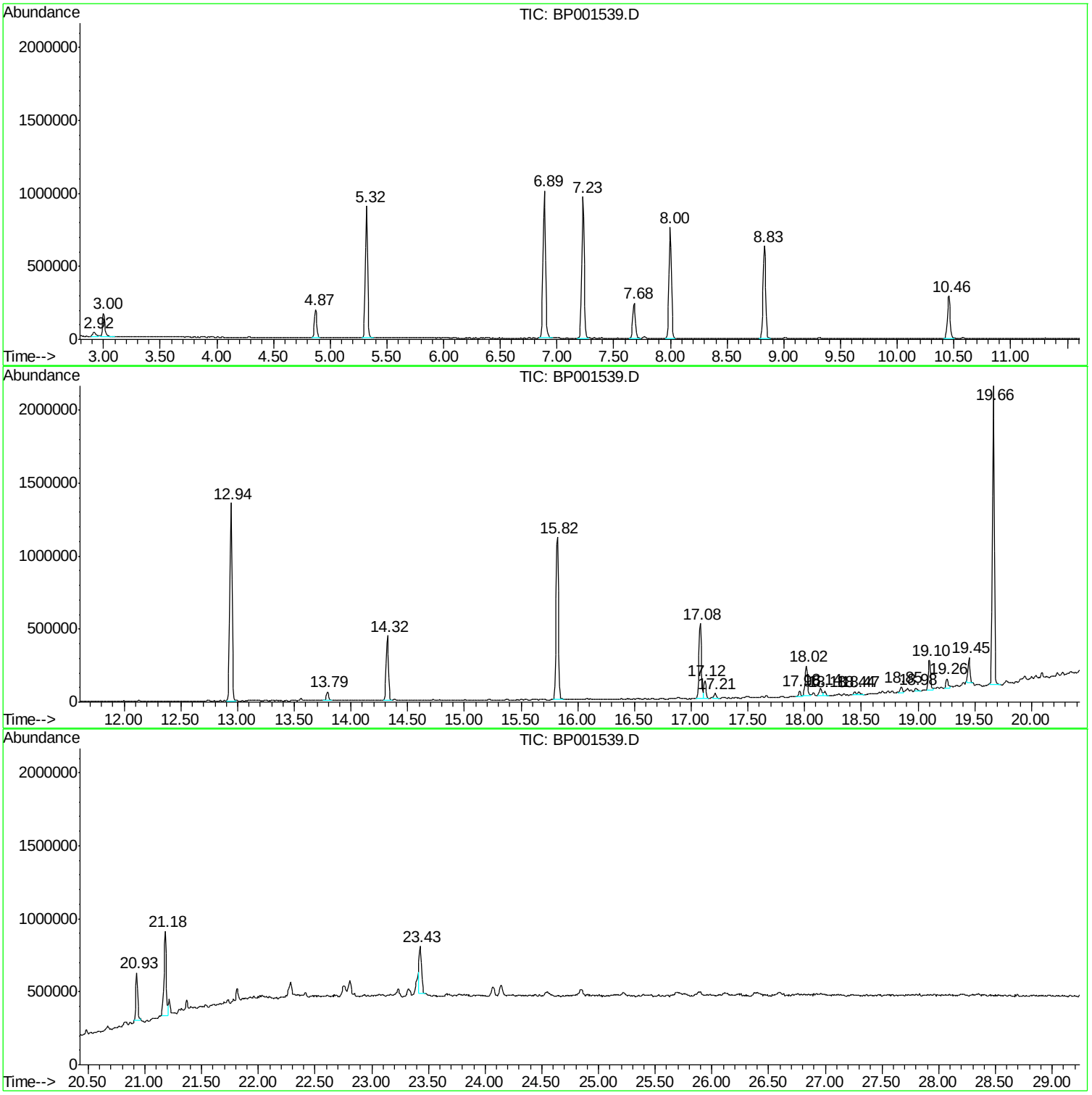
Sum of corrected areas: 18699935

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
Q091-WC-01

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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

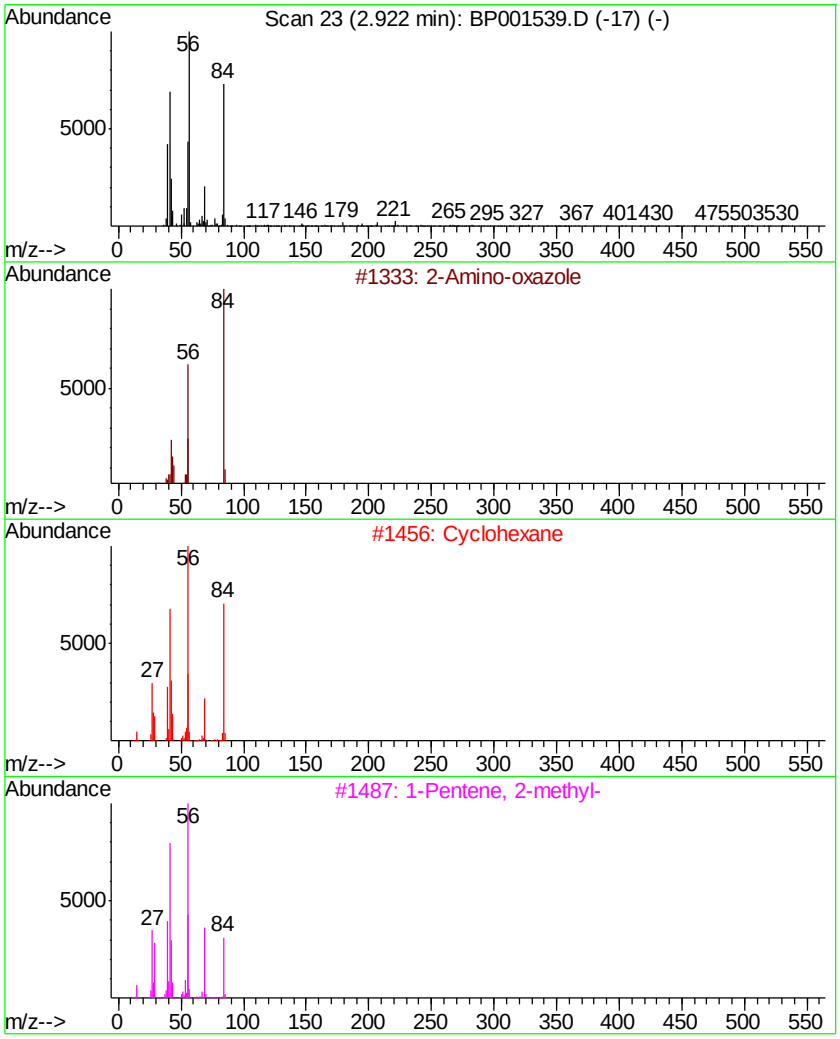
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

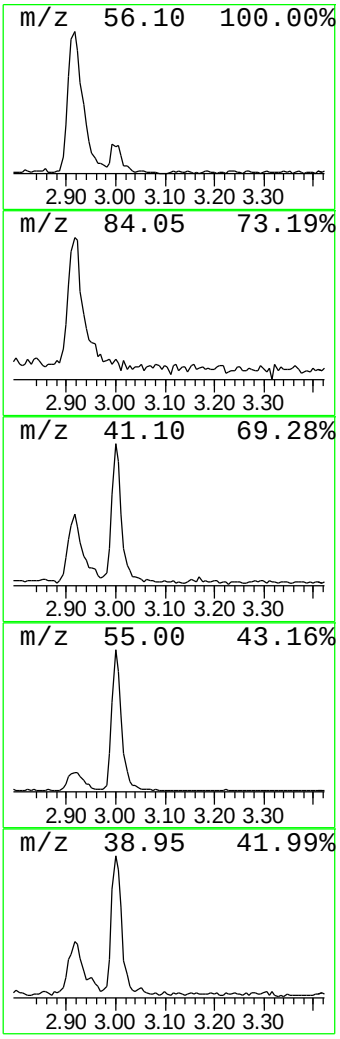
****

Peak Number 1 2-Amino-oxazole Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	2.94 ng	56097	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-oxazole	84	C3H4N2O	004570-45-0	76
2	Cyclohexane	84	C6H12	000110-82-7	70
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4	2-Butene	56	C4H8	000107-01-7	47
5	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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

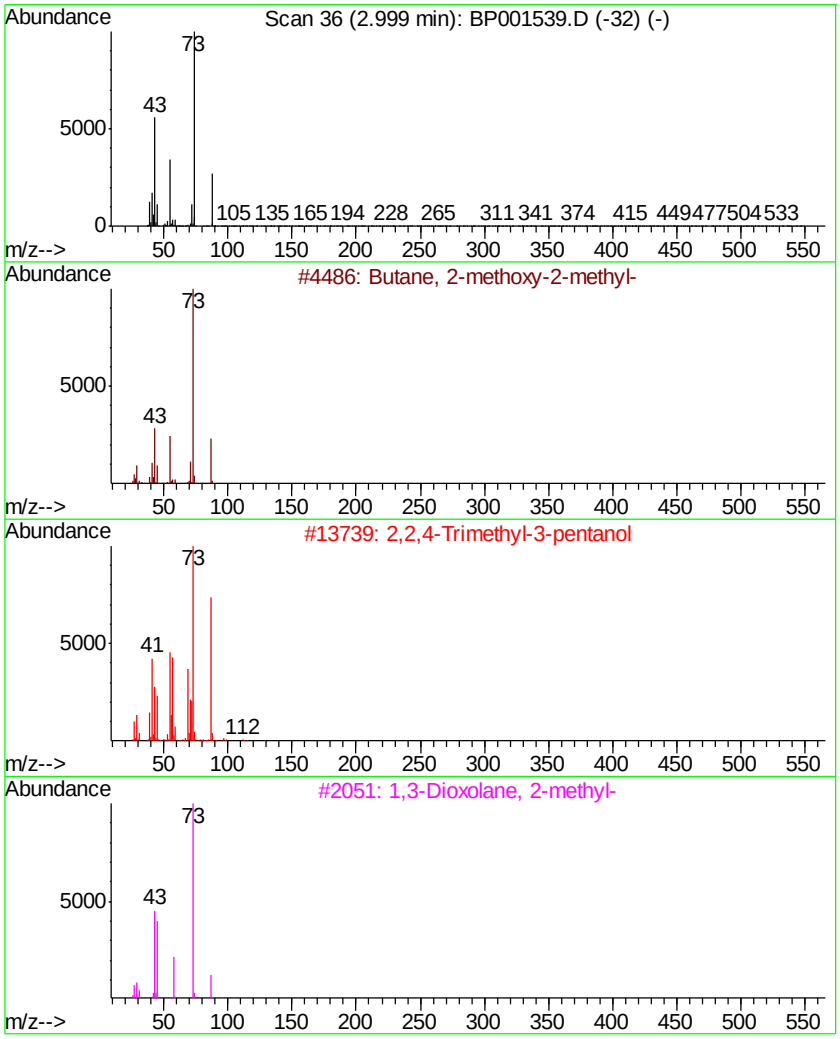
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

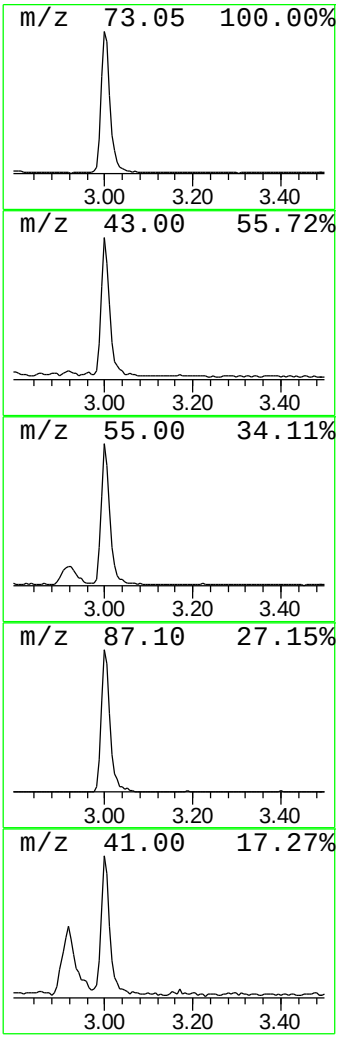
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	11.98 ng	228543	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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

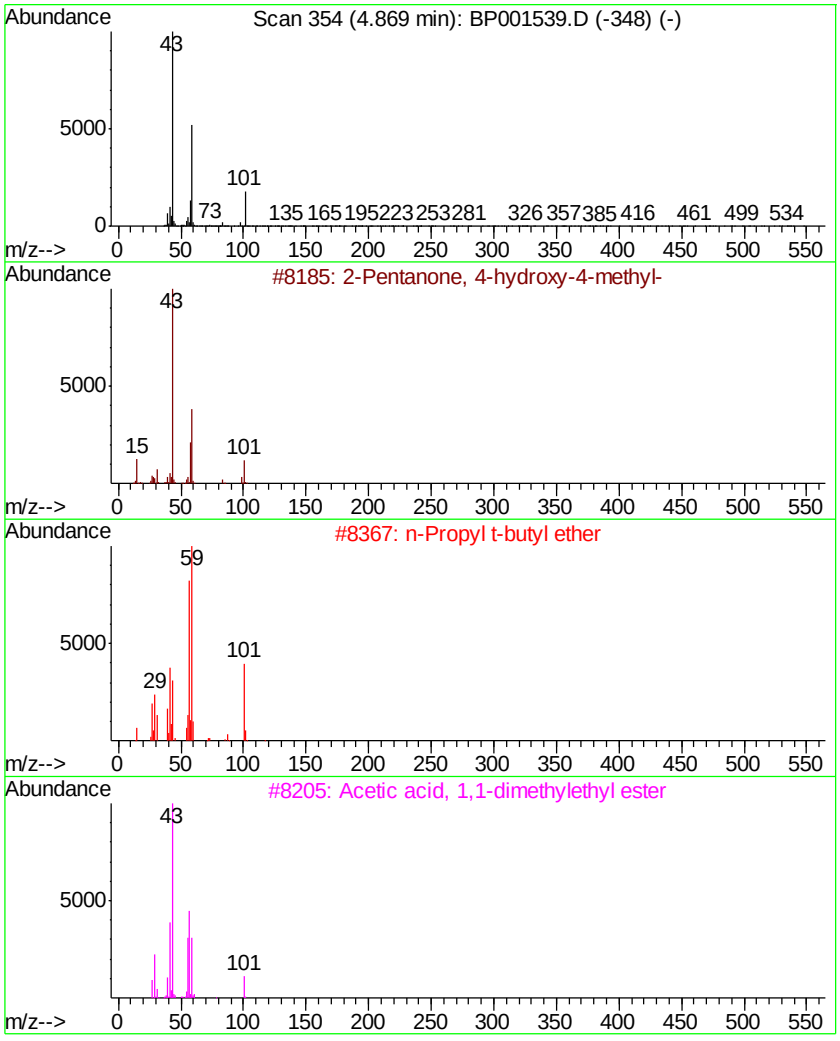
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

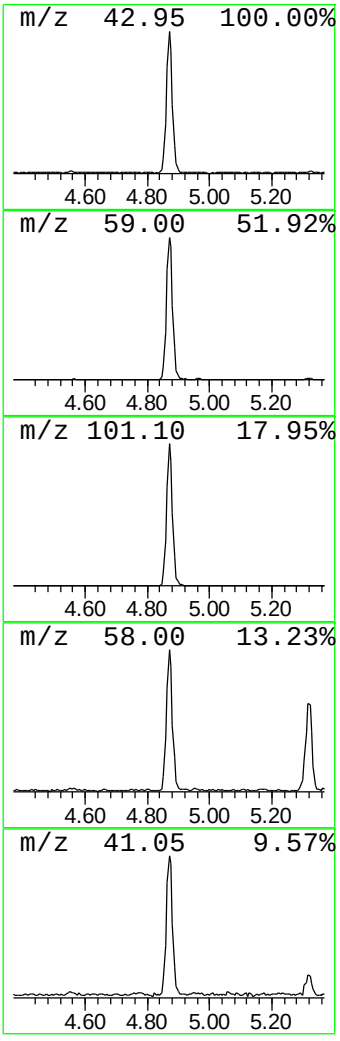
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	13.94 ng	265938	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	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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

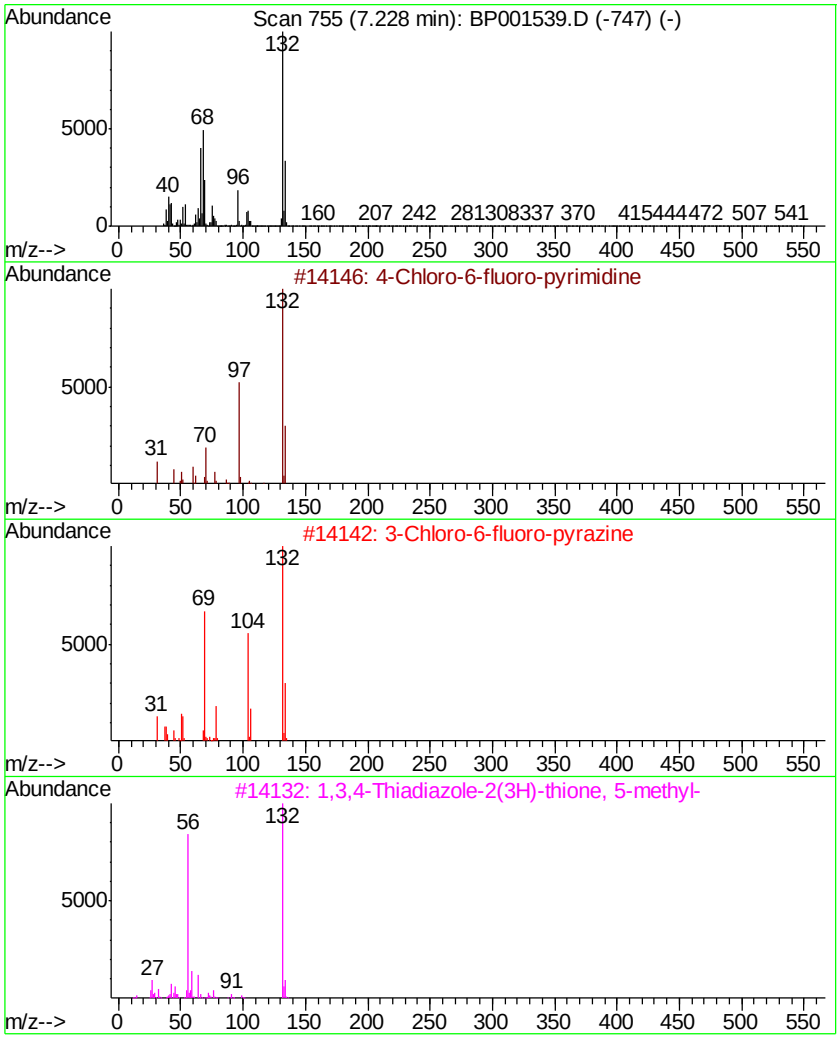
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

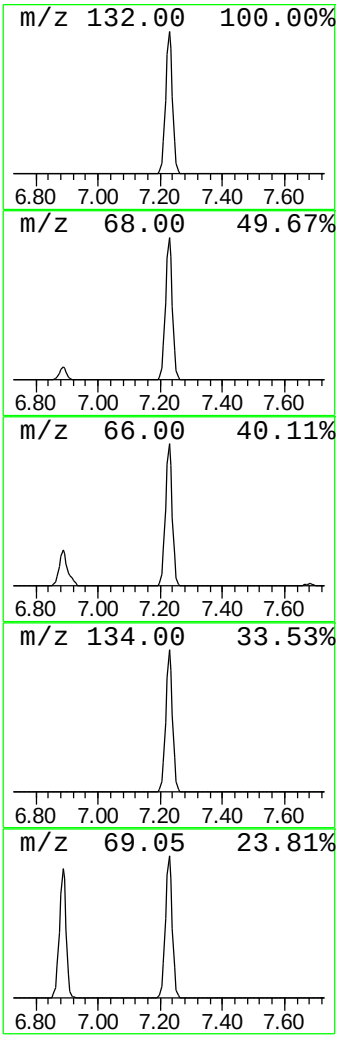
****

Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	79.03 ng	1507490	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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

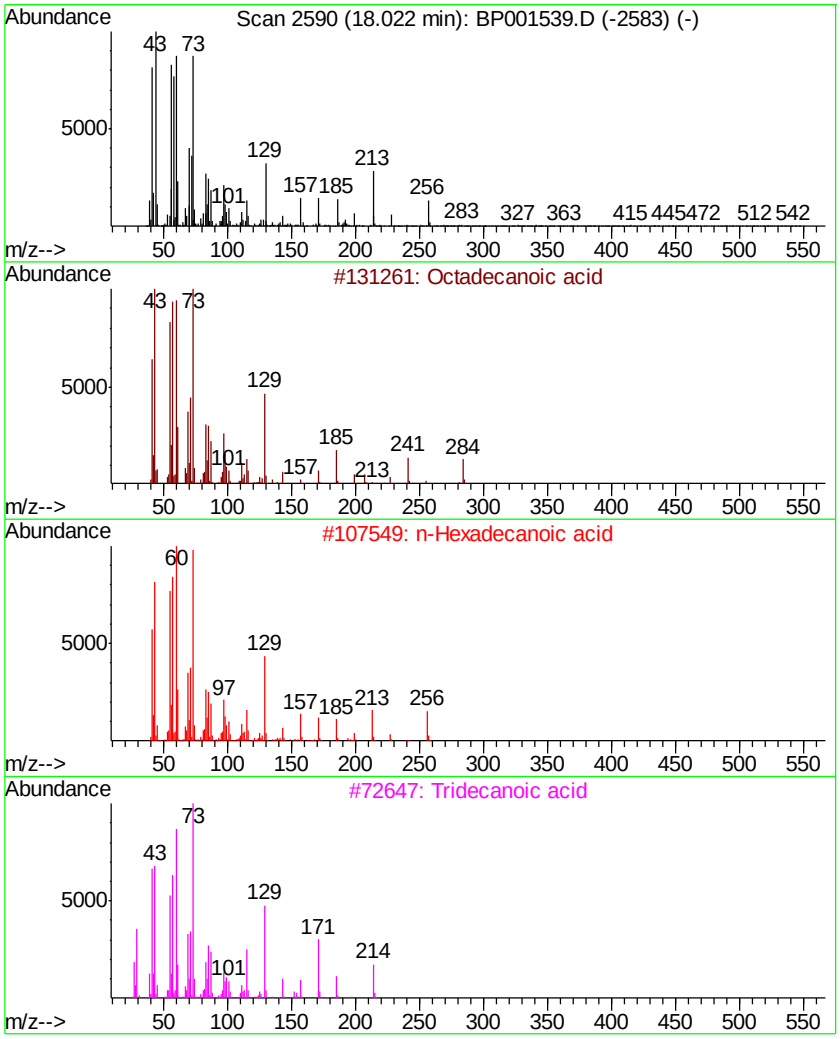
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

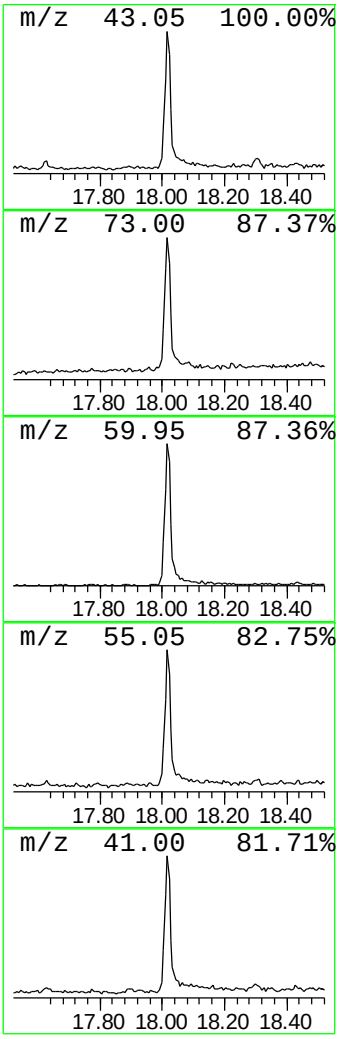
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	8.64 ng	314369	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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

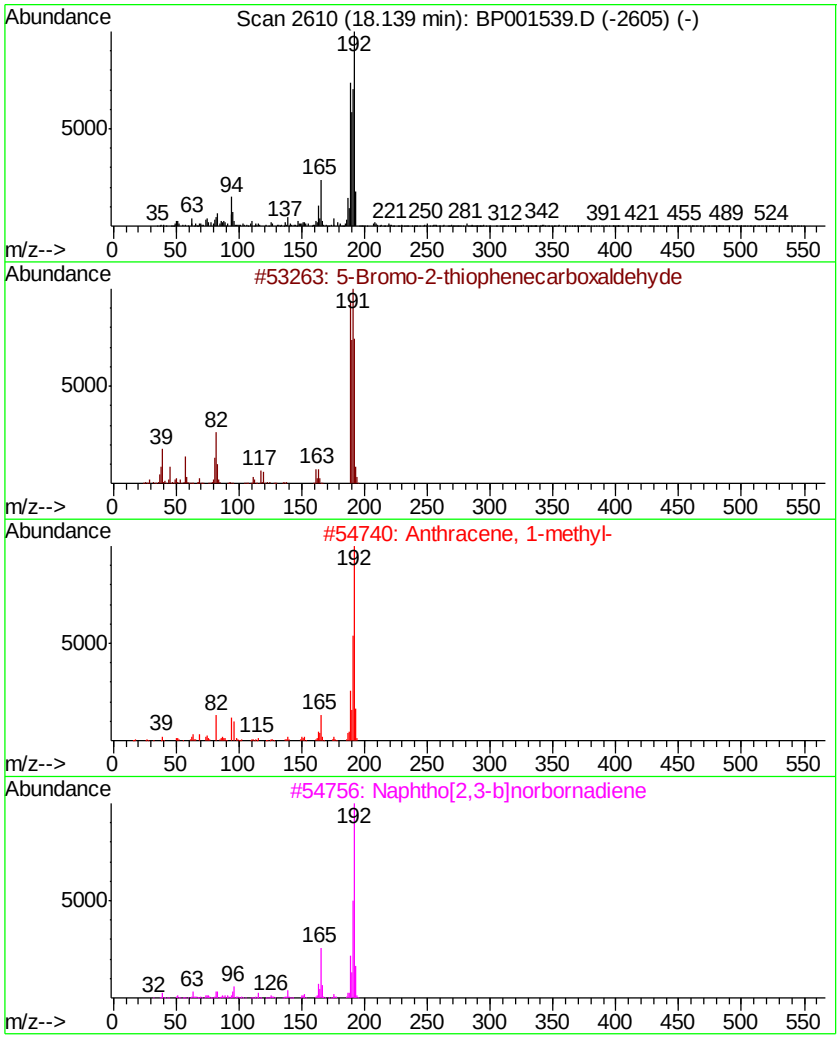
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

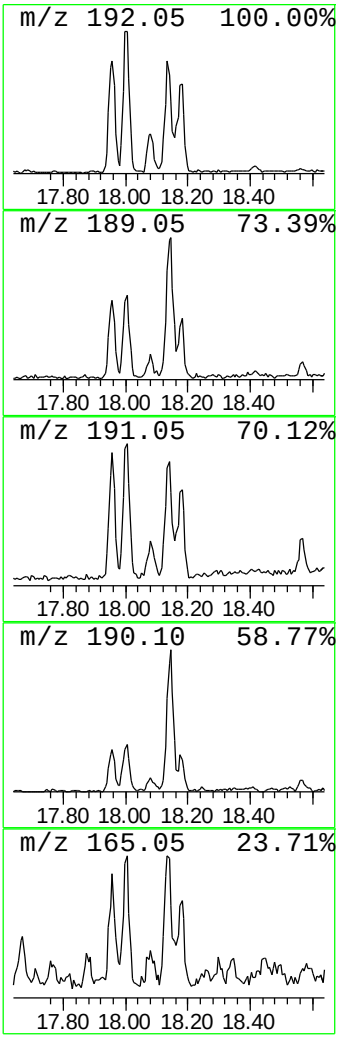
****

Peak Number 7 5-Bromo-2-thiophenecarboxal... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.26 ng	82399	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	49
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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

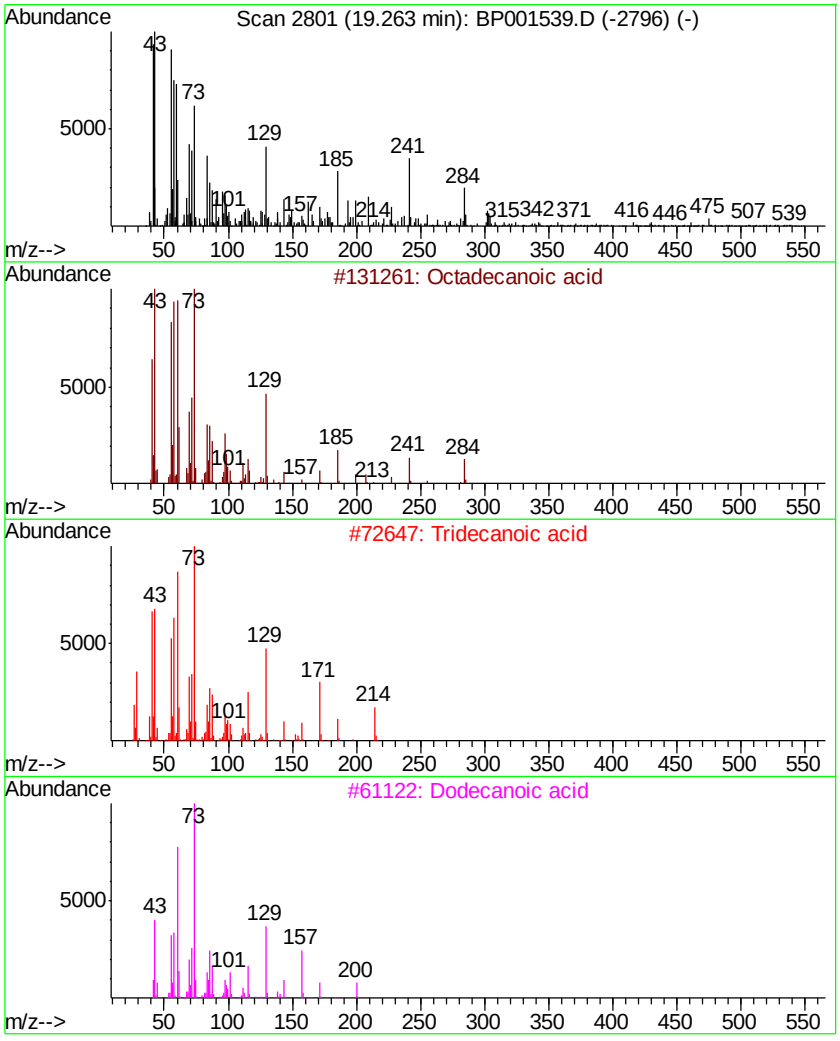
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

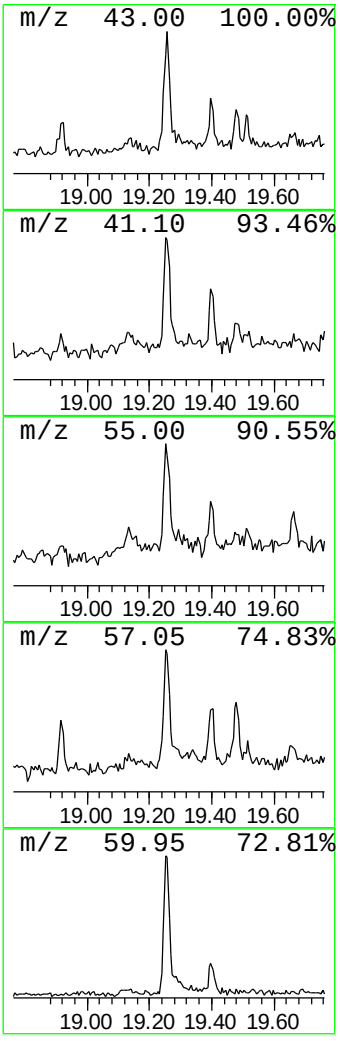
****

Peak Number 8 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.20 ng	92759	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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

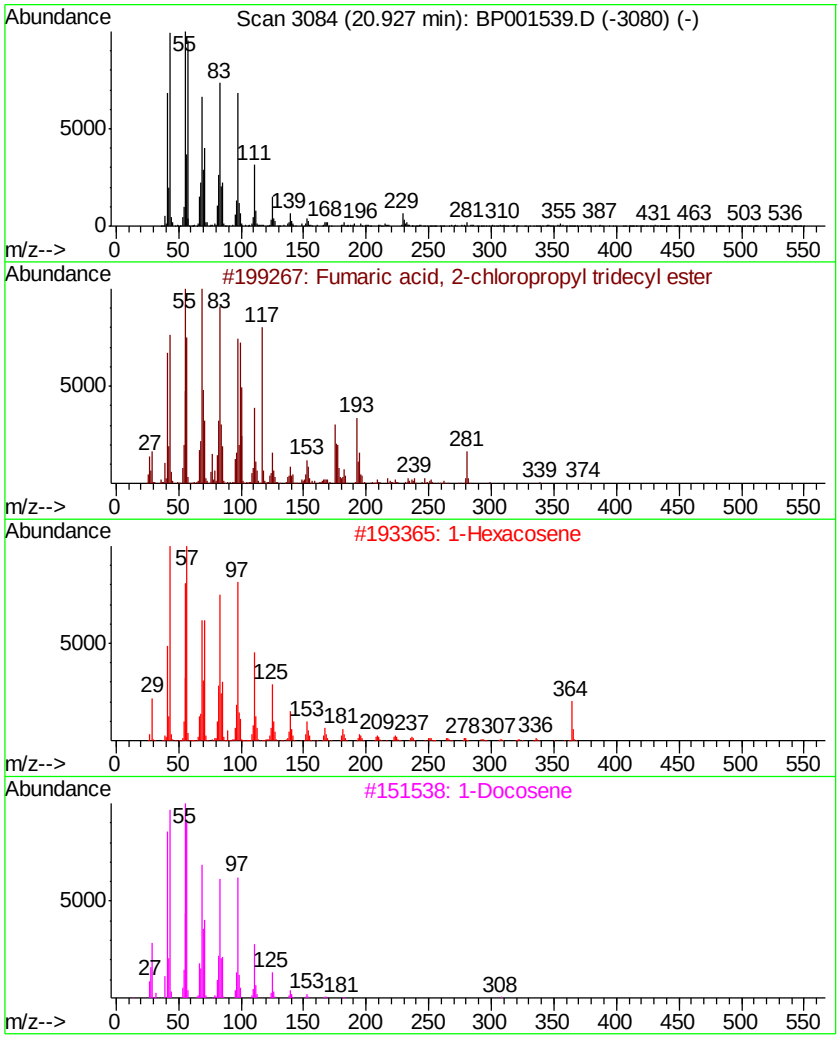
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

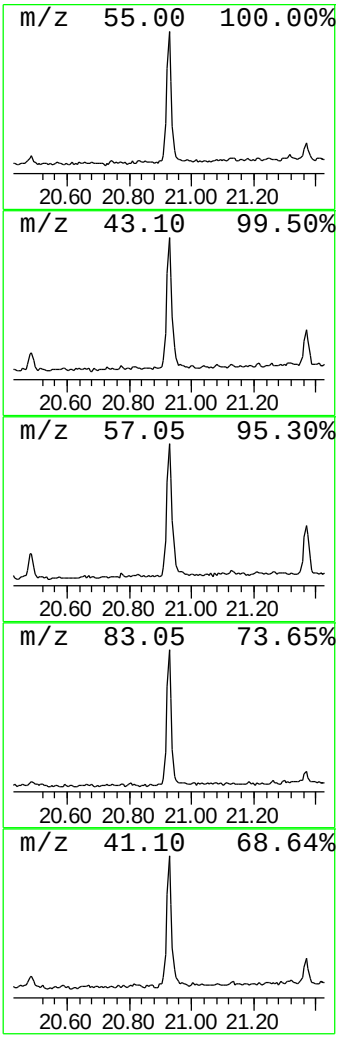
****

Peak Number 9 Fumaric acid, 2-chloropropy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	8.70 ng	367442	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	96
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Docosene	308	C22H44	001599-67-3	95
4	Octacosyl acetate	452	C30H60O2	018206-97-8	94
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010620\
Data File : BP001539.D
Acq On : 06 Jan 2020 20:28
Operator : JU
Sample : K6479-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : Q091-WC-01

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
2-Amino-oxazole	2.92	2.9	ng	56097	1	7.68	381502	20.0
Butane, 2-methoxy...	3.00	12.0	ng	228543	1	7.68	381502	20.0
2-Pentanone, 4-hy...	4.87	13.9	ng	265938	1	7.68	381502	20.0
unknown7.23	7.23	79.0	ng	1507490	1	7.68	381502	20.0
Octadecanoic acid	18.02	8.6	ng	314369	4	17.08	728075	20.0
5-Bromo-2-thiophe...	18.14	2.3	ng	82399	4	17.08	728075	20.0
Tridecanoic acid	19.26	2.2	ng	92759	5	21.18	844498	20.0
Fumaric acid, 2-c...	20.93	8.7	ng	367442	5	21.18	844498	20.0