LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

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\8270E-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006523.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.546	74	78	85	rBV2	183773	250048	1.61%	0.288%
2	4.287	199	204	214	rBV	638226	913869	5.89%	1.054%
3	5.357	380	386	393	rBV	1834359	2591776	16.70%	2.989%
4	6.875	640	644	648	rBV	125323	199225	1.28%	0.230%
5	6.934	648	654	661	rVB	1188756	1820006	11.73%	2.099%
6	7.757	787	794	800	rVB	960002	1510987	9.73%	1.742%
7	8.075	837	848	853	rBV	4274654	6948854	44.77%	8.013%
8	8.122	853	856	865	rVB	1129720	1664862	10.73%	1.920%
9	8.916	983	991	1001	rVB	3558275	5880407	37.89%	6.781%
10	9.722	1123	1128	1134	rBV	168553	275714	1.78%	0.318%
11	10.328	1220	1231	1246	rBV	835044	1310221	8.44%	1.511%
12	10.540	1259	1267	1270	rBV	1271436	2125663	13.70%	2.451%
13	10.592	1270	1276	1283	rVB	4944073	8457973	54.49%	9.753%
14	10.704	1288	1295	1304	rVB2	272440	532253	3.43%	0.614%
15	12.422	1578	1587	1598	rVB	239290	425224	2.74%	0.490%
16	13.010	1679	1687	1694	rBV	7927744	11678950	75.24%	13.467%
17	13.222	1718	1723	1730	rVB3	121691	190571	1.23%	0.220%
18	14.381	1914	1920	1926	rBV	1819532	2619323	16.88%	3.020%
19	14.445	1926	1931	1938	rVV	1052452	1557347	10.03%	1.796%
20	14.510	1938	1942	1947	rVV3	92764	158673	1.02%	0.183%
21	14.575	1947	1953	1963	rVB	169206	286309	1.84%	0.330%
22	14.781	1983	1988	1998	rVB	370277	554807	3.57%	0.640%
23	14.875	1998	2004	2010	rBV	153183	230158	1.48%	0.265%
24	15.433	2091	2099	2104	rVB	445073	678536	4.37%	0.782%
25	15.575	2117	2123	2131	rBV5	137520	326865	2.11%	0.377%
26	15.733	2146	2150	2159	rVB4	81795	180030	1.16%	0.208%
27	15.875	2168	2174	2181	rBV	3971324	5458111	35.17%	6.294%
28	16.098	2209	2212	2219	rVB4	102400	201592	1.30%	0.232%
29	16.680	2308	2311	2319	rVB4	113877	192752	1.24%	0.222%
30	17.133	2382	2388	2393	rBV	2023271	2882531	18.57%	3.324%
31	17.174	2393	2395	2400	rVB	199623	235983	1.52%	0.272%
32	17.257	2405	2409	2417	rVB2	112067	241882	1.56%	0.279%
33	17.545	2453	2458	2463	rBV	205393	296978	1.91%	0.342%
34	17.610	2465	2469	2480	rVB2	124926	226552	1.46%	0.261%
35	17.822	2502	2505	2514	rVB	165072	233404	1.50%	0.269%
36	18.045	2538	2543	2552	rBV	571605	836825	5.39%	0.965%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

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\8270E-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.151	2727	2731	2737	rVB	141546	195158	1.26%	0.225%
38	19.280	2749	2753	2761	rBV	428239	573312	3.69%	0.661%
39	19.710	2820	2826	2832	rBV	13109923	15521286	100.00%	17.897%
40	20.957	3035	3038	3044	rBV2	207129	244382	1.57%	0.282%
41	21.233	3080	3085	3091	rBV	2361065	2954324	19.03%	3.407%
42	23.557	3474	3480	3489	rVB	1583996	3060583	19.72%	3.529%

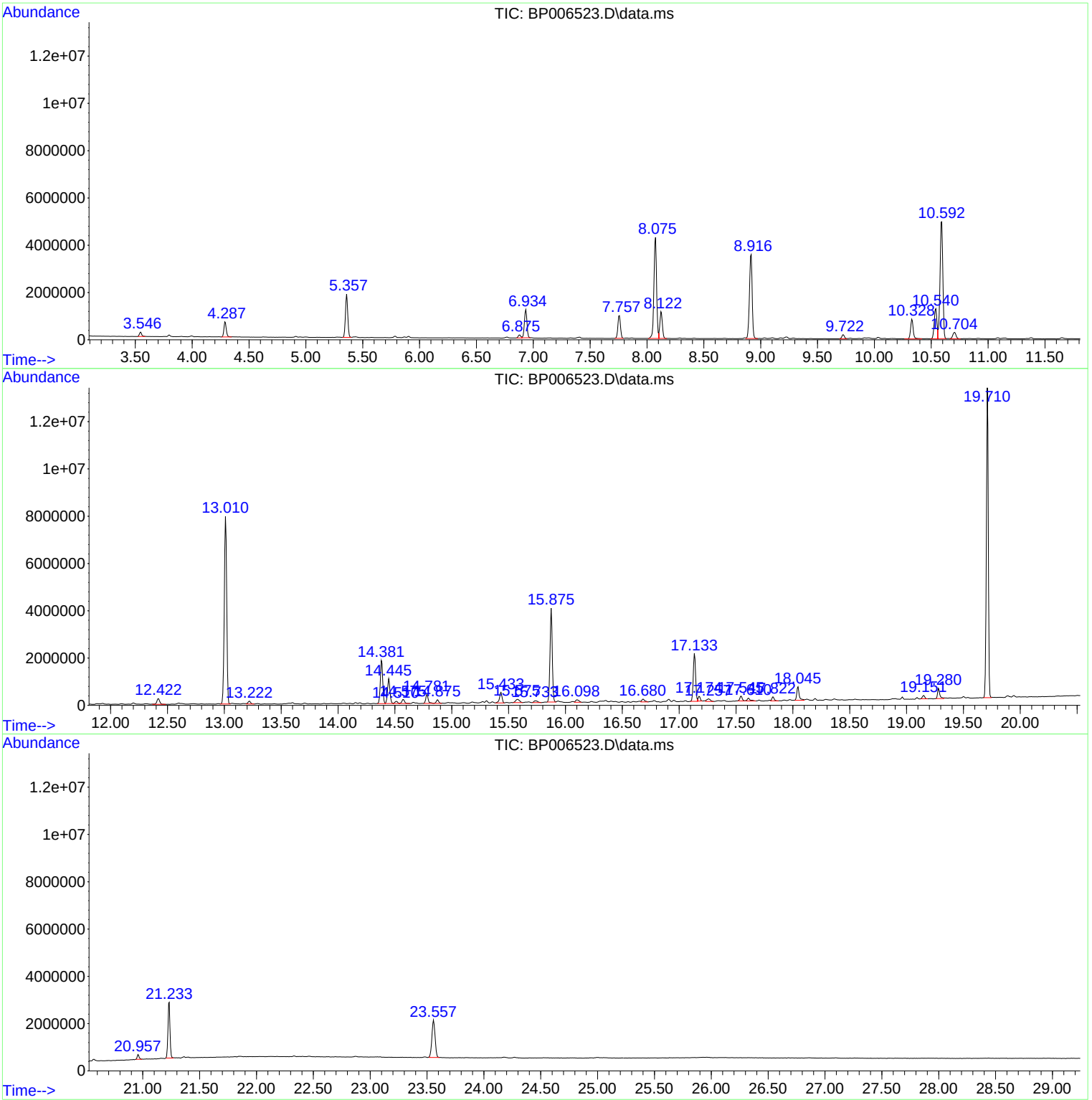
Sum of corrected areas: 86724306

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TWP02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

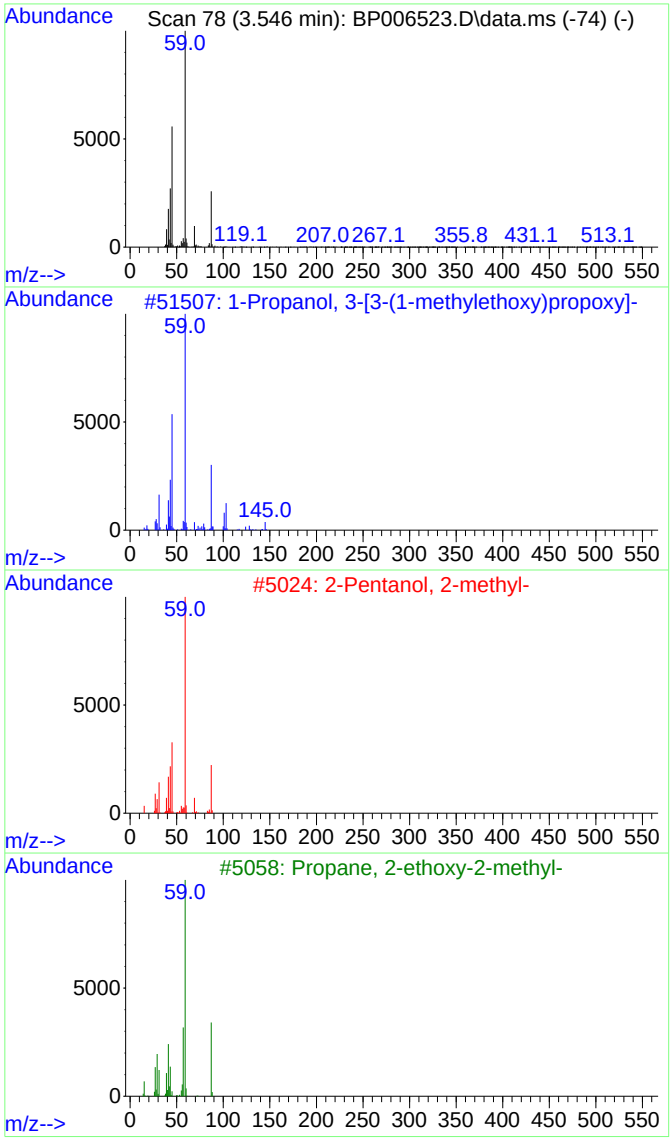
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

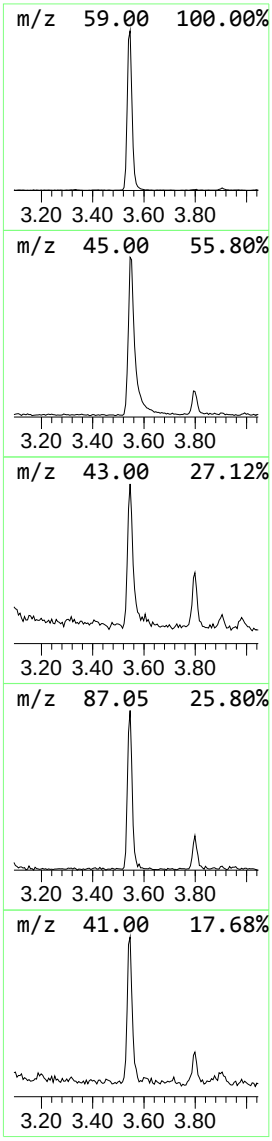
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Propanol, 3-[3-(1-methyle... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.546	3.31 ng	250048	1,4-Dichlorobenzene-d4	7.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-[3-(1-methylethoxy...	176	C9H20O3	054518-03-5	78
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	72
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	50
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	50
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

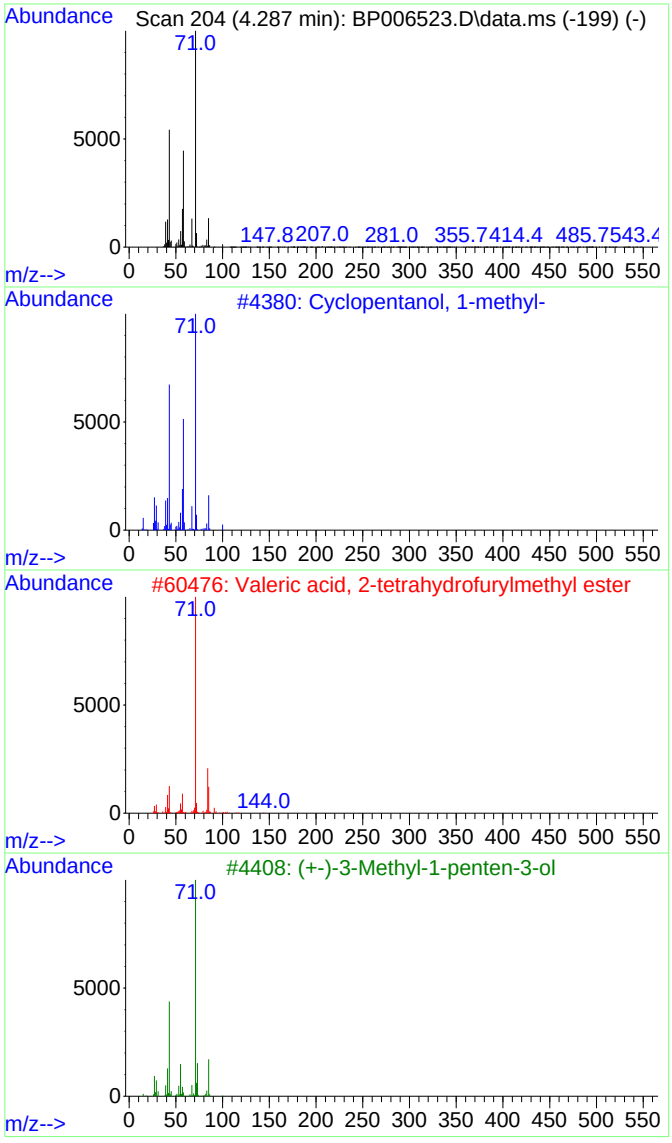
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

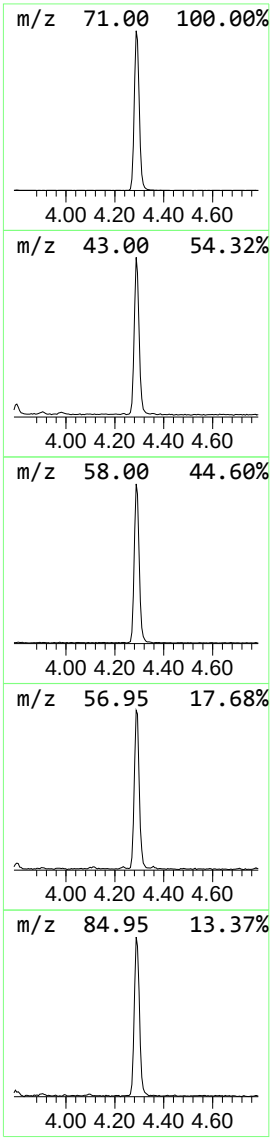
****

Peak Number 2 Cyclopentanol, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.287	12.10 ng	913869	1,4-Dichlorobenzene-d4	7.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	91
2	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	50
3	(+-)-3-Methyl-1-penten-3-ol	100	C6H12O	1010238-75-4	40
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	36
5	Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TWP02

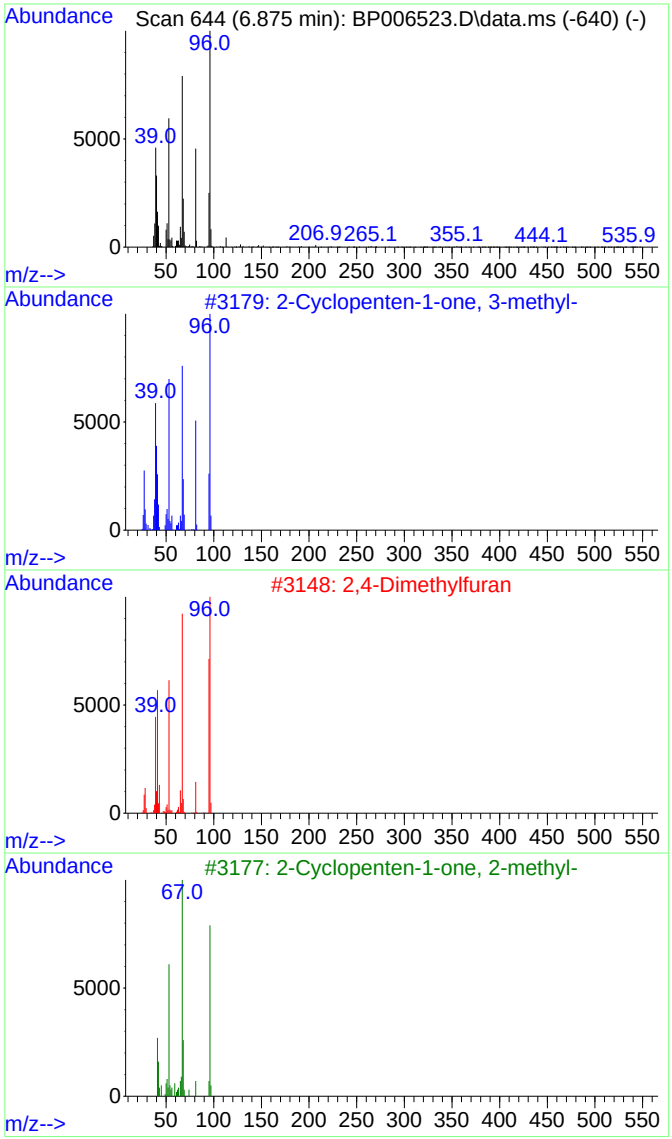
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

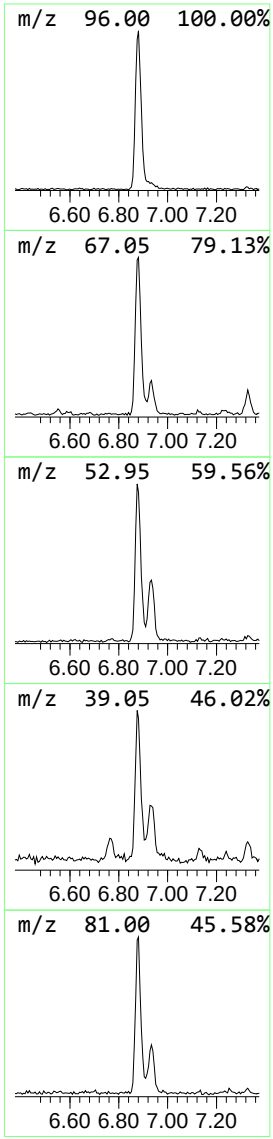
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	2.64 ng	199225	1,4-Dichlorobenzene-d4	7.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	96
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	87
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	87
4	Cyclopentene	68	C5H8	000142-29-0	60
5	4-Vinyl-4,5-dihydro-3H-pyrazole	96	C5H8N2	063438-33-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

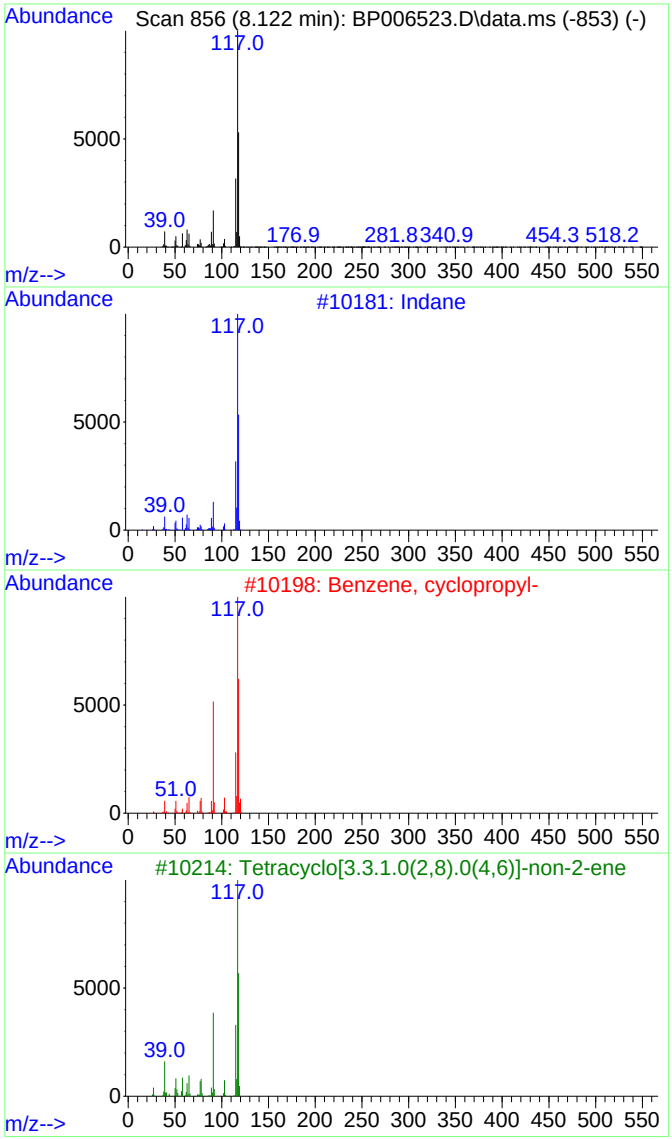
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

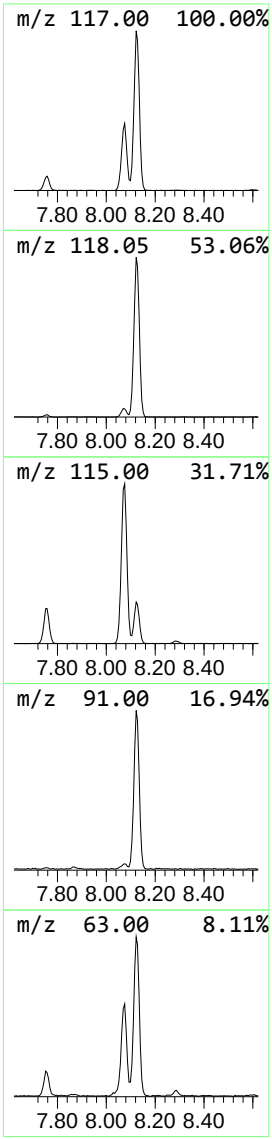
****

Peak Number 5 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.122	22.04 ng	1664860	1,4-Dichlorobenzene-d4	7.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Deltacyclene	118	C9H10	007785-10-6	74
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

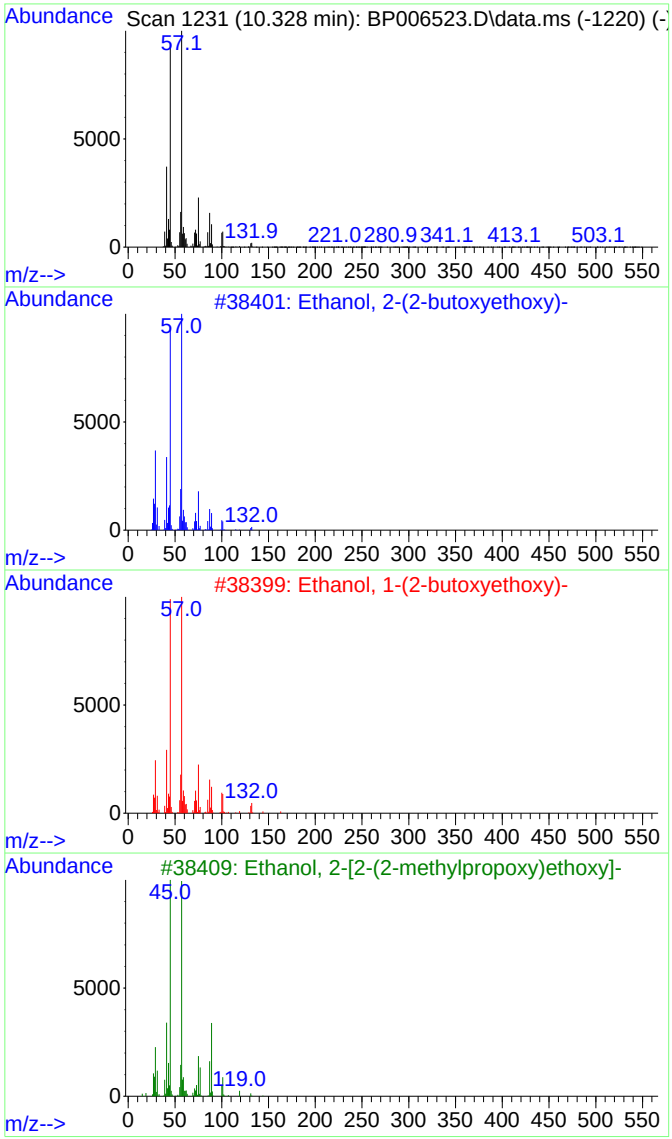
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

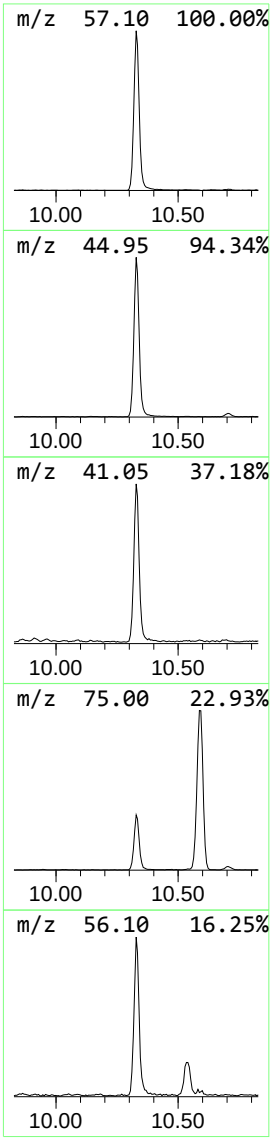
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	12.33 ng	1310220	Naphthalene-d8	10.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

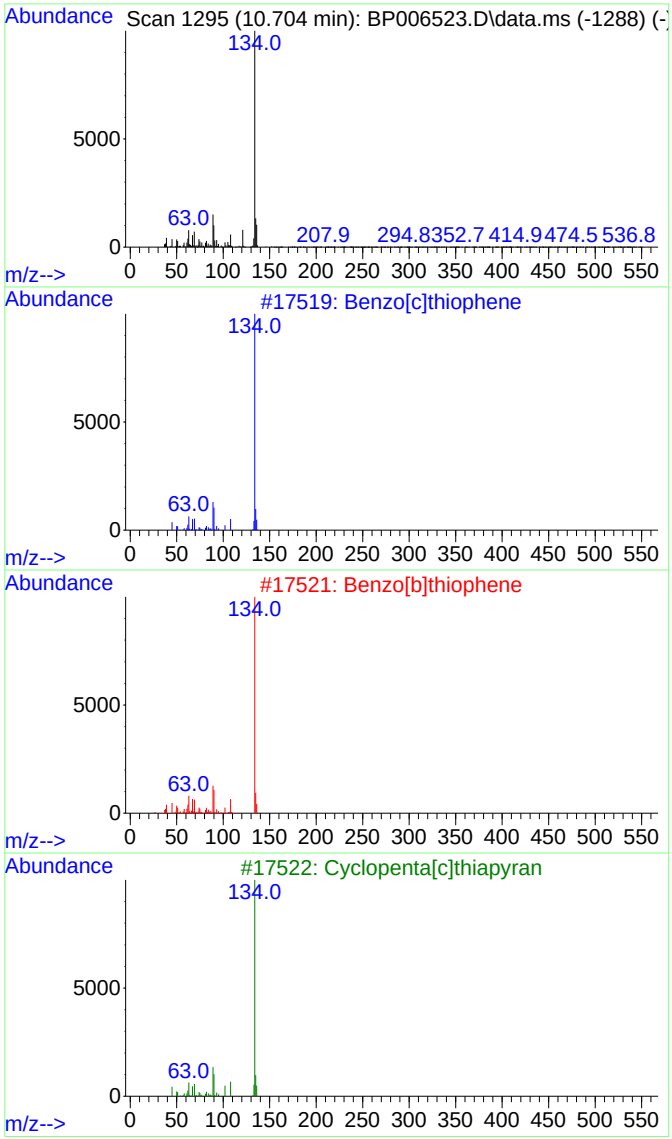
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

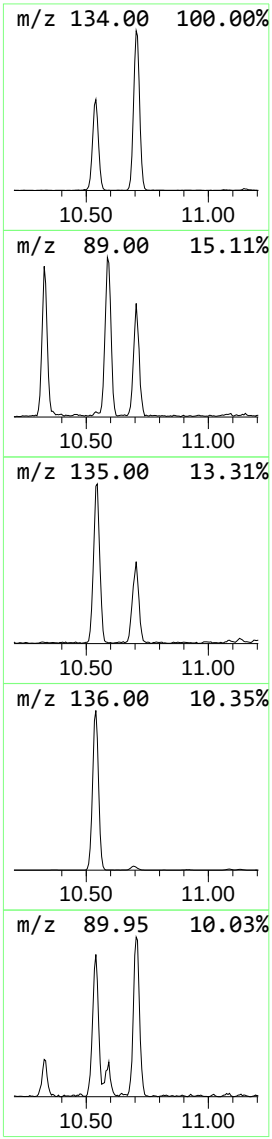
****

Peak Number 7 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	5.01 ng	532253	Naphthalene-d8	10.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	72
5	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

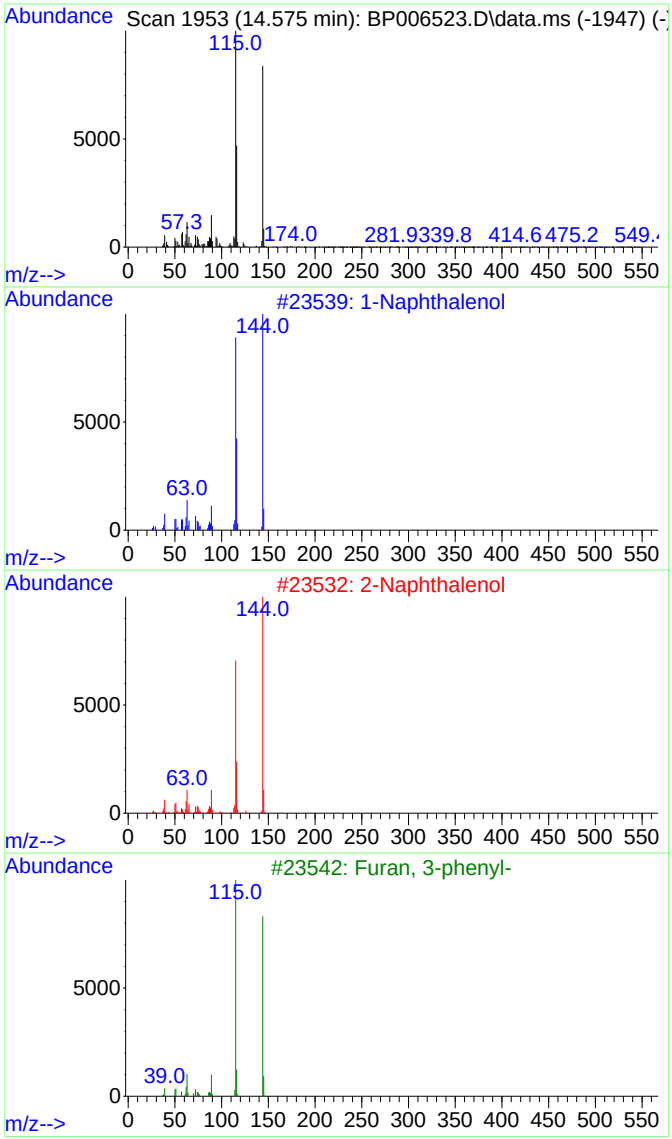
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

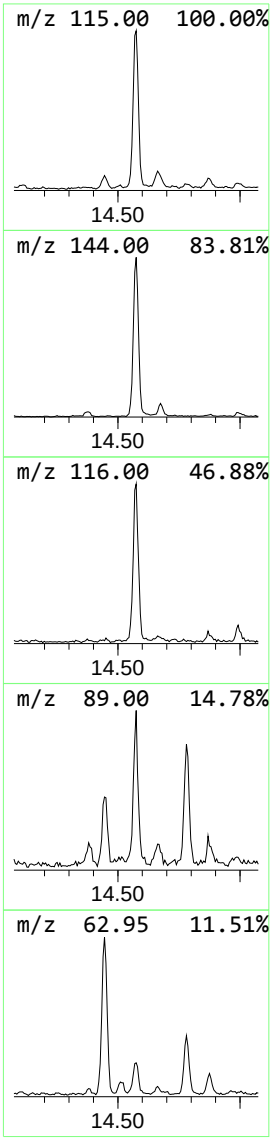
****

Peak Number 8 1-Naphthalenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.575	2.19 ng	286309	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	96
2	2-Naphthalenol	144	C10H8O	000135-19-3	90
3	Furan, 3-phenyl-	144	C10H8O	013679-41-9	81
4	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	81
5	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TWP02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

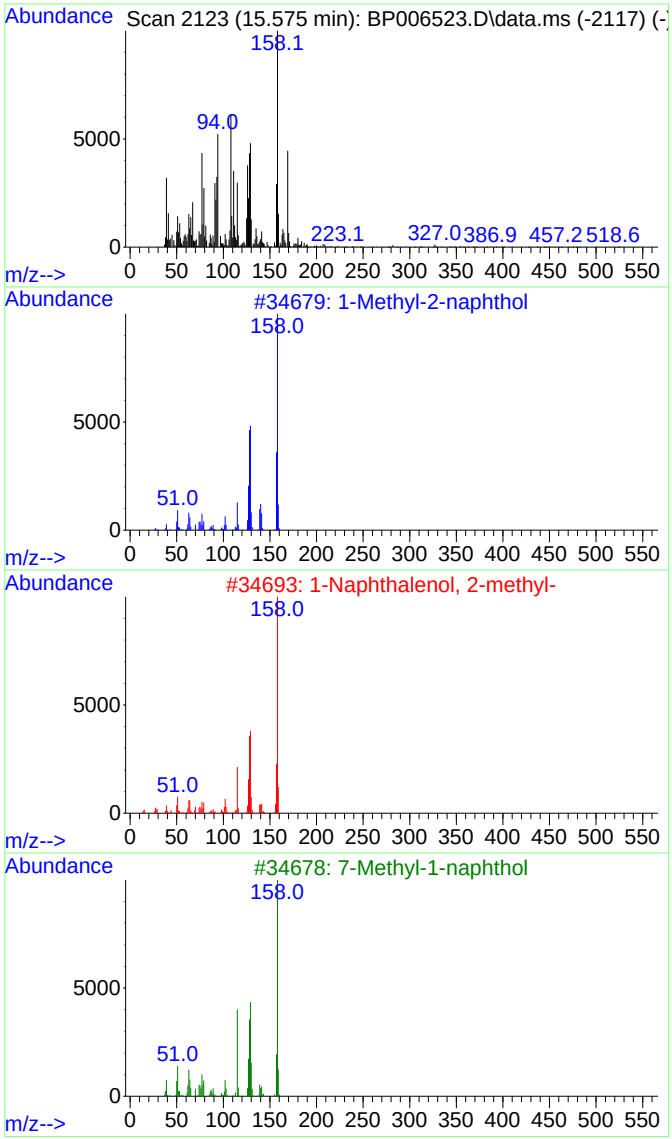
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

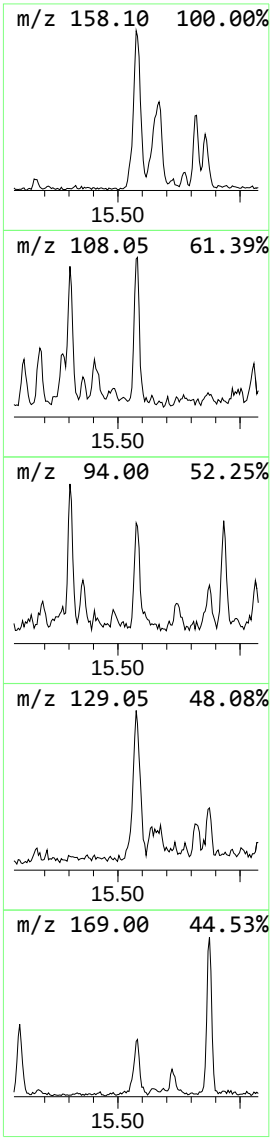
****

Peak Number 9 1-Methyl-2-naphthol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.575	2.50 ng	326865	Acenaphthene-d10	14.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-naphthol	158	C11H10O	001076-26-2	55
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	50
3	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	49
4	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	30
5	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

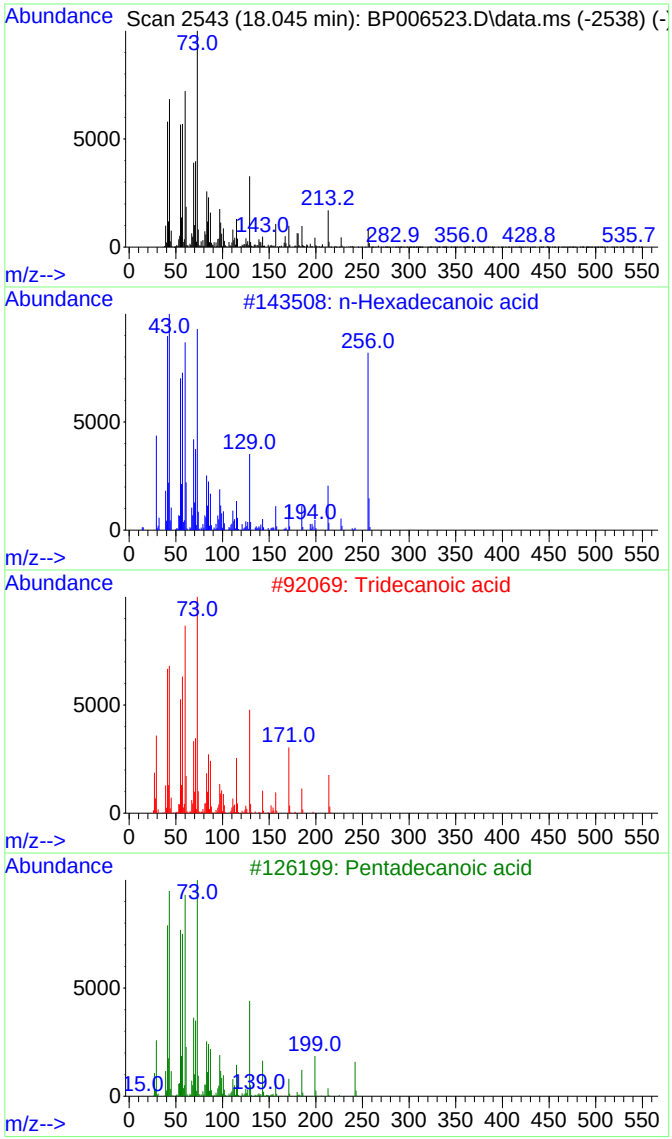
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

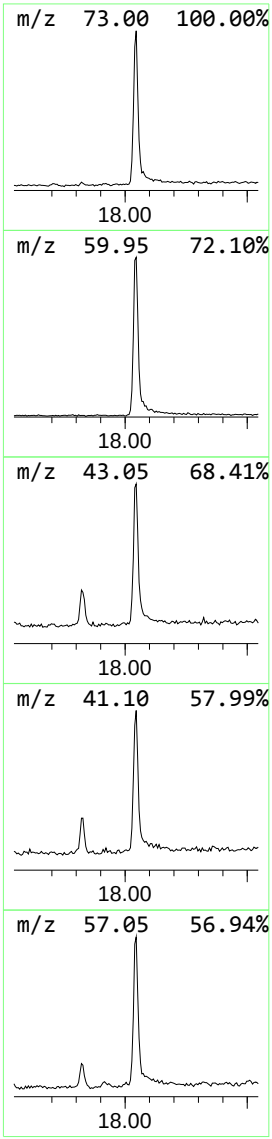
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	5.81 ng	836825	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	38
5	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

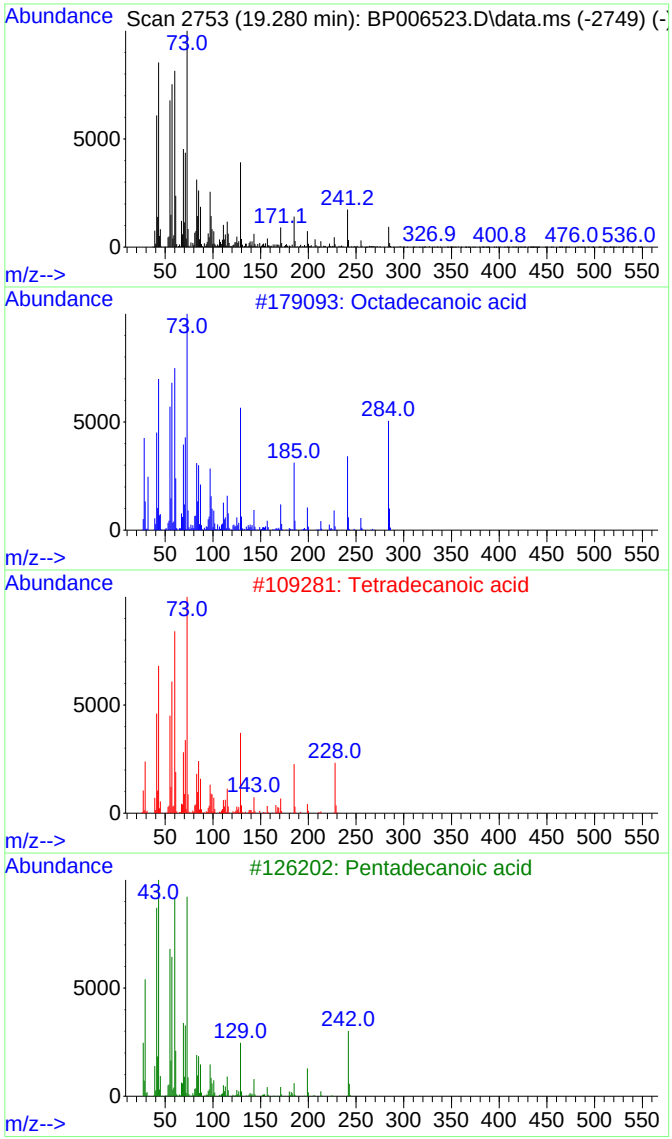
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

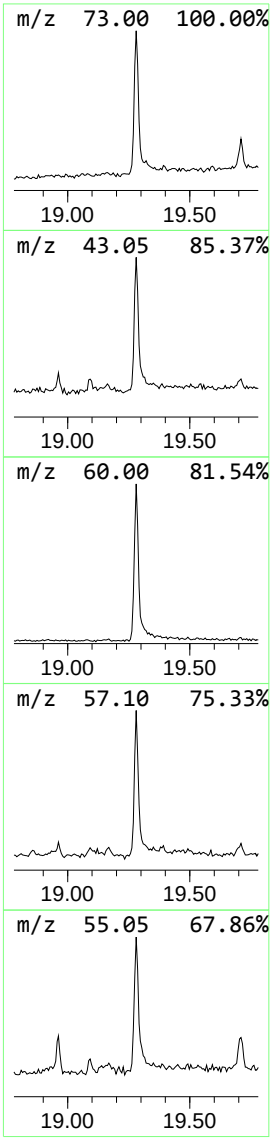
****

Peak Number 11 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.280	3.88 ng	573312	Chrysene-d12	21.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006523.D
Acq On : 06 Aug 2021 00:54
Operator : CG/JU
Sample : M3281-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TWP02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Propanol, 3-[...	3.546	3.3	ng	250048	1	7.757	1510990	20.0
Cyclopentanol, ...	4.287	12.1	ng	913869	1	7.757	1510990	20.0
2-Cyclopenten-1...	6.875	2.6	ng	199225	1	7.757	1510990	20.0
Indane	8.122	22.0	ng	1664860	1	7.757	1510990	20.0
Ethanol, 2-(2-b...	10.328	12.3	ng	1310220	2	10.540	2125660	20.0
Benzo[c]thiophene	10.704	5.0	ng	532253	2	10.540	2125660	20.0
1-Naphthalenol	14.575	2.2	ng	286309	3	14.381	2619320	20.0
1-Methyl-2-naph...	15.575	2.5	ng	326865	3	14.381	2619320	20.0
n-Hexadecanoic ...	18.045	5.8	ng	836825	4	17.133	2882530	20.0
Octadecanoic acid	19.280	3.9	ng	573312	5	21.233	2954320	20.0