LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001047.D
Acq On : 15 Nov 2019 18:55
Operator : JU
Sample : K5832-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 10-(6-8)

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	2.346	36	44	52	rBV	534302	829444	8.94%	1.175%
2	5.746	614	622	641	rBV	577019	947618	10.21%	1.343%
3	6.310	707	718	722	rBV	4140212	5513110	59.42%	7.813%
4	7.822	966	975	990	rVB2	4035199	6193043	66.74%	8.777%
5	8.010	1000	1007	1011	rBV	4737245	6257543	67.44%	8.868%
6	8.369	1062	1068	1076	rBV	1166729	1377714	14.85%	1.952%
7	8.522	1091	1094	1099	rVB	138356	159364	1.72%	0.226%
8	8.610	1102	1109	1113	rBV	4302563	5151522	55.52%	7.301%
9	9.246	1209	1217	1221	rBV	2902659	3801601	40.97%	5.388%
10	9.463	1241	1254	1262	rBV	119966	270020	2.91%	0.383%
11	10.393	1406	1412	1417	rBV	1462605	1747706	18.84%	2.477%
12	12.175	1706	1715	1719	rBV	6281075	8311997	89.58%	11.780%
13	12.834	1818	1827	1833	rBV	604159	700995	7.55%	0.993%
14	13.251	1891	1898	1904	rBV	1768198	2235659	24.09%	3.168%
15	14.545	2110	2118	2130	rBV	4530671	6306160	67.96%	8.937%
16	15.645	2300	2305	2309	rBV	1981670	2367617	25.52%	3.355%
17	15.680	2309	2311	2316	rVB	107065	106417	1.15%	0.151%
18	15.786	2326	2329	2334	rVB	98349	108303	1.17%	0.153%
19	16.528	2448	2455	2463	rBV3	345622	519746	5.60%	0.737%
20	17.386	2597	2601	2605	rVB	225815	238734	2.57%	0.338%
21	17.610	2637	2639	2647	rBV	98192	139604	1.50%	0.198%
22	17.692	2648	2653	2657	rVV	234884	271294	2.92%	0.384%
23	17.927	2687	2693	2697	rBV	8387881	9278862	100.00%	13.150%
24	19.163	2899	2903	2913	rBV	380339	674678	7.27%	0.956%
25	19.280	2918	2923	2927	rVV	2043734	2412108	26.00%	3.418%
26	19.321	2927	2930	2940	rVB	1725322	1804544	19.45%	2.557%
27	20.568	3138	3142	3146	rBV	151481	262052	2.82%	0.371%
28	20.739	3167	3171	3176	rBV3	115413	166529	1.79%	0.236%
29	20.916	3198	3201	3206	rVB	91867	122668	1.32%	0.174%
30	20.986	3210	3213	3218	rVV	81510	101716	1.10%	0.144%
31	21.063	3220	3226	3235	rVB	1618426	2183370	23.53%	3.094%

Sum of corrected areas: 70561738

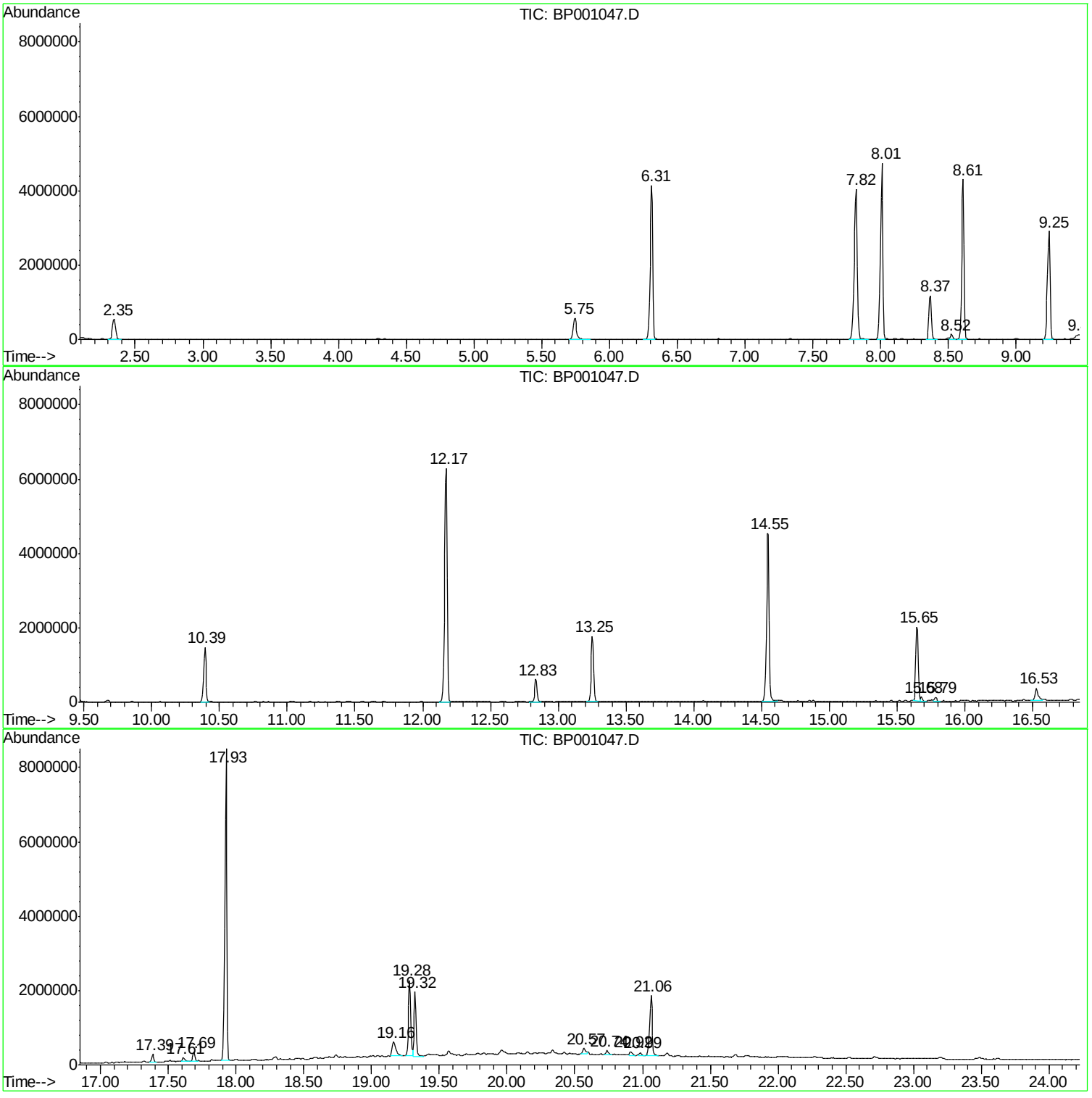
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001047.D
Acq On : 15 Nov 2019 18:55
Operator : JU
Sample : K5832-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 10-(6-8)

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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Data File : BP001047.D
Acq On : 15 Nov 2019 18:55
Operator : JU
Sample : K5832-03
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

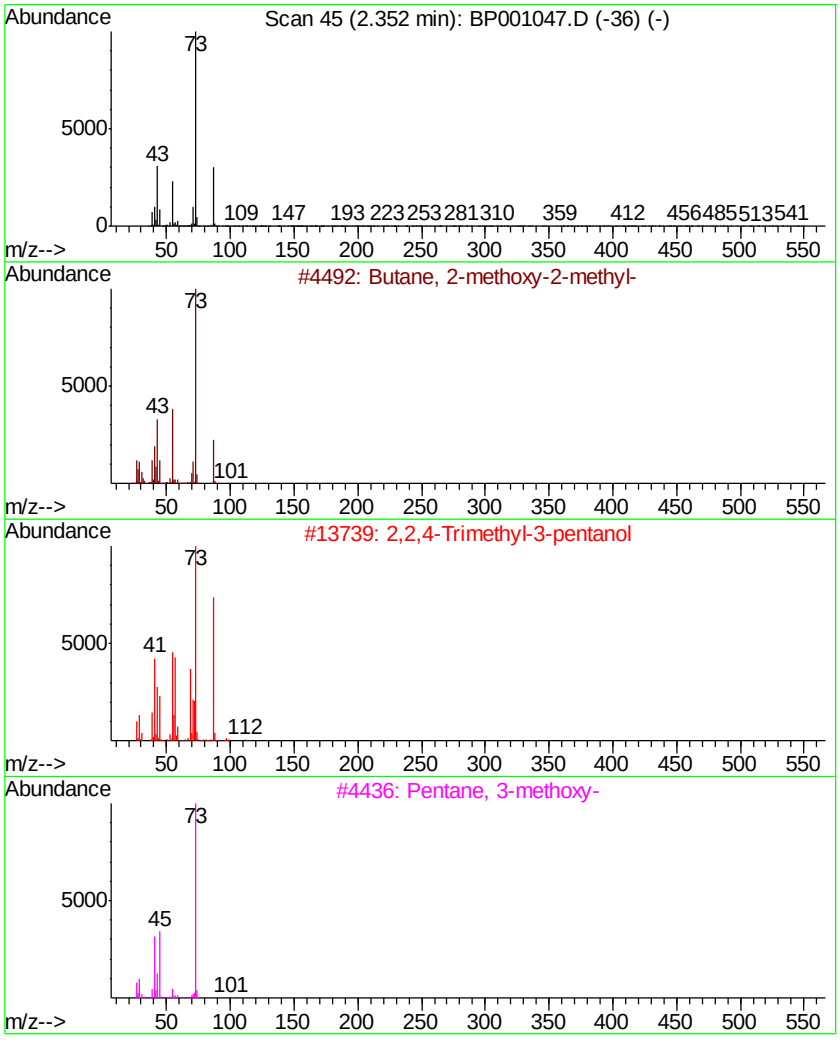
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

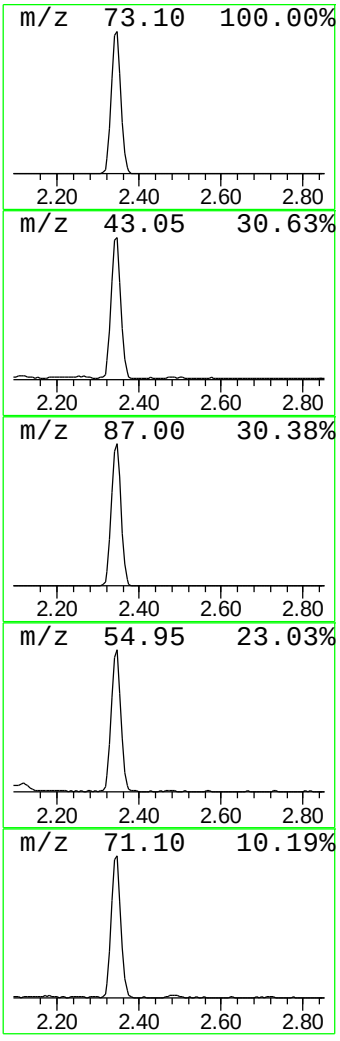
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.35	12.04 ng	829444	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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Data File : BP001047.D
Acq On : 15 Nov 2019 18:55
Operator : JU
Sample : K5832-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 10-(6-8)

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

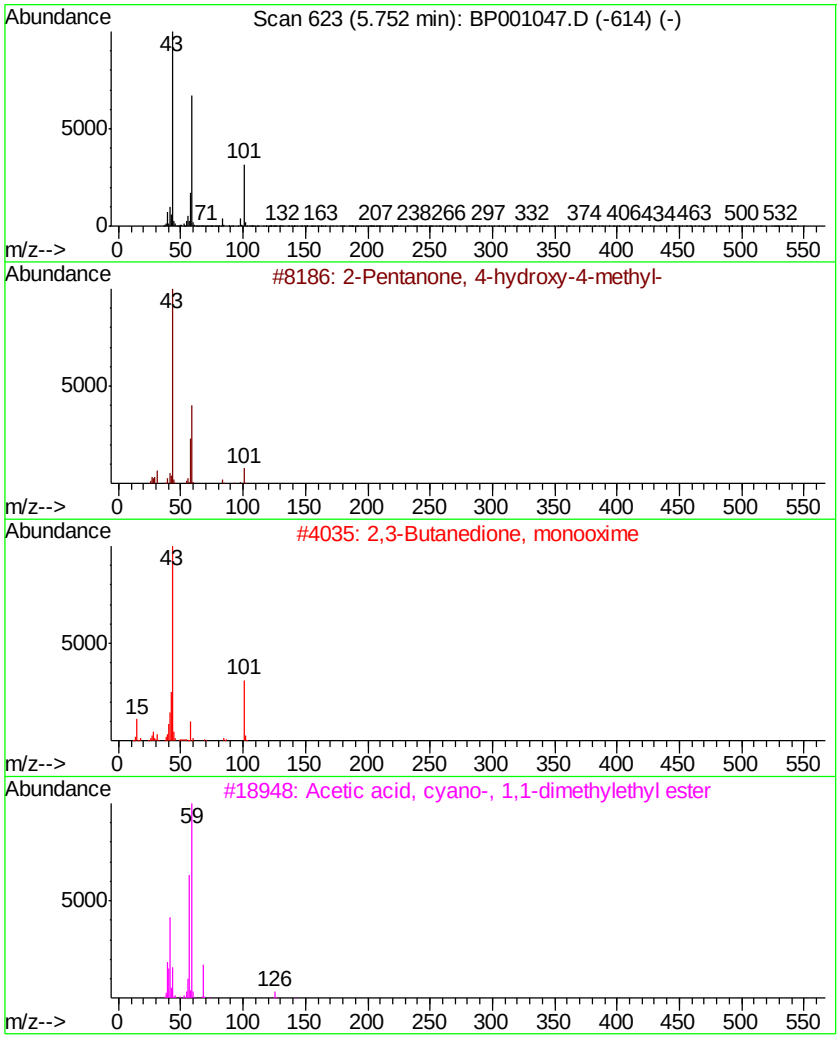
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

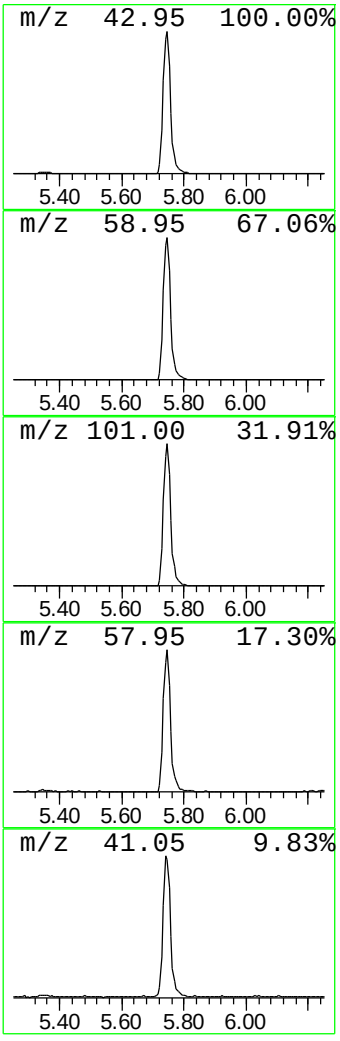
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	13.76 ng	947618	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	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001047.D
Acq On : 15 Nov 2019 18:55
Operator : JU
Sample : K5832-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 10-(6-8)

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

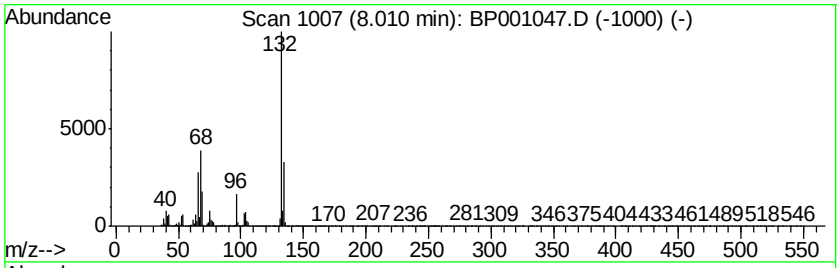
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

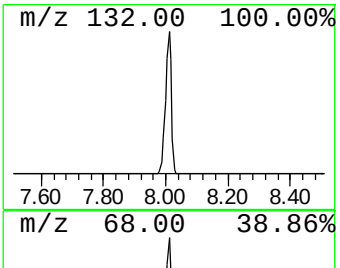
****

Peak Number 3 unknown8.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	90.84 ng	6257540	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	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001047.D
Acq On : 15 Nov 2019 18:55
Operator : JU
Sample : K5832-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 10-(6-8)

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

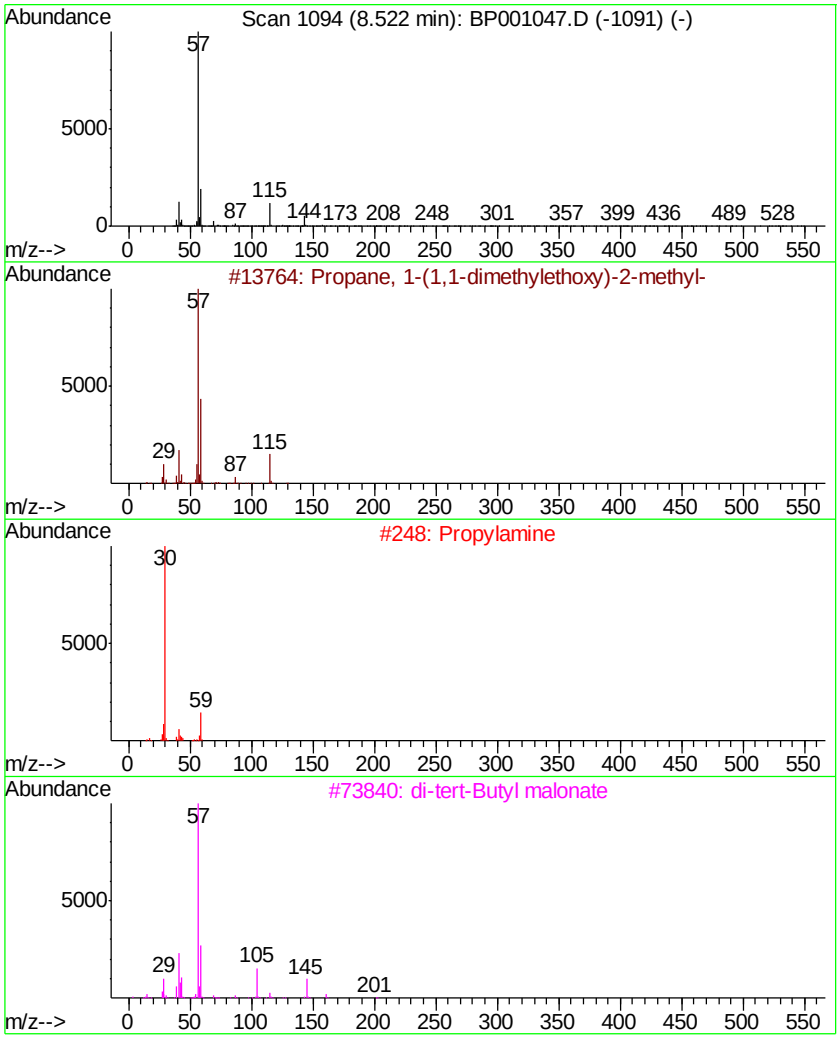
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

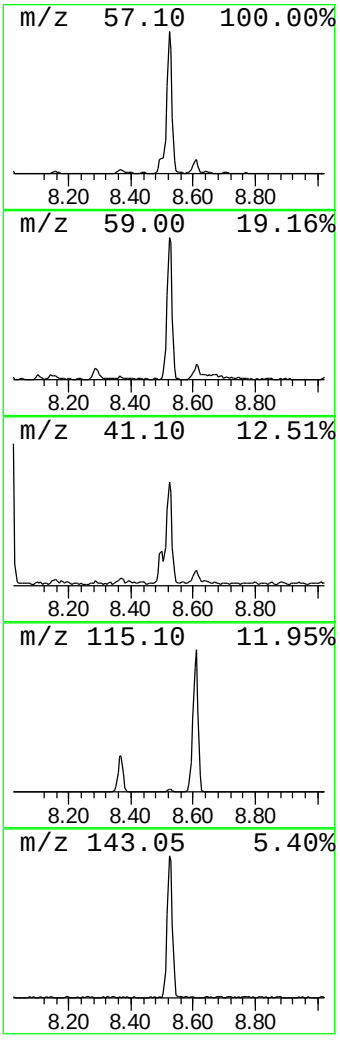
****

Peak Number 4 unknown8.52 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	2.31 ng	159364	1,4-Dichlorobenzene-d4	8.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-(1,1-dimethylethoxy)-...	130	C8H18O	033021-02-2	23
2	Propylamine	59	C3H9N	000107-10-8	9
3	di-tert-Butyl malonate	216	C11H20O4	000541-16-2	9
4	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	9
5	Hexanoic acid, 2-ethyl-, 1,1-dim...	200	C12H24O2	071648-27-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
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Operator : JU
Sample : K5832-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 10-(6-8)

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

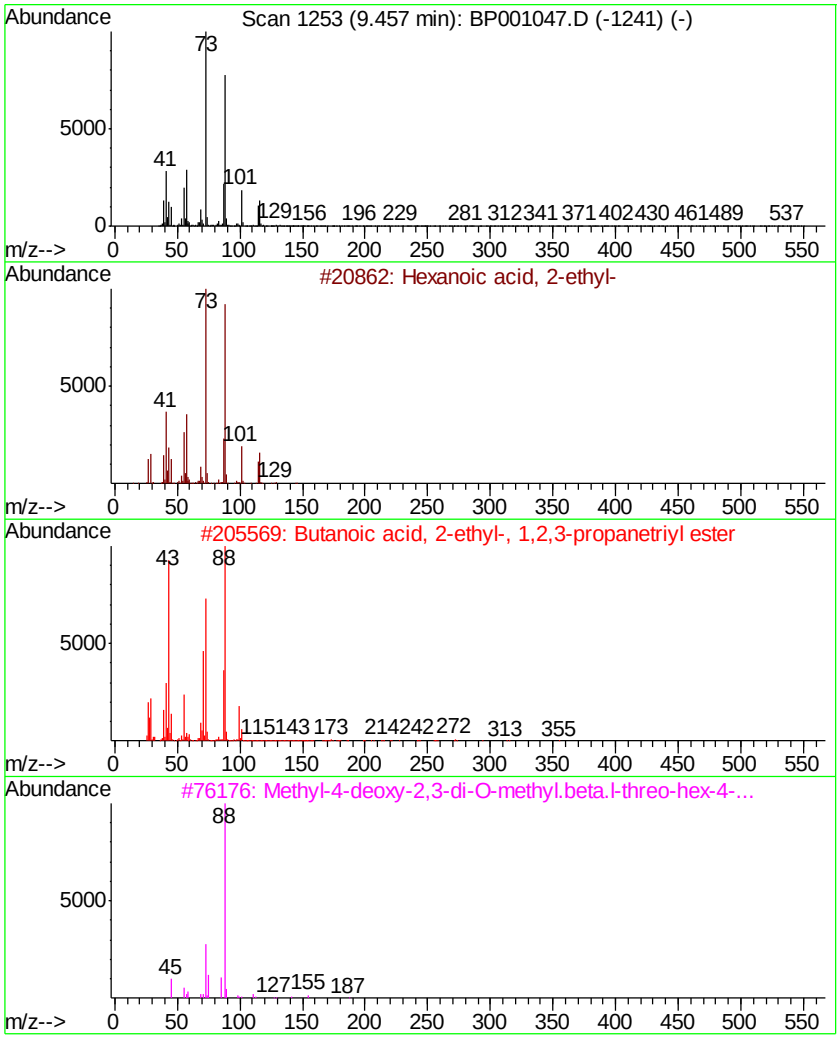
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

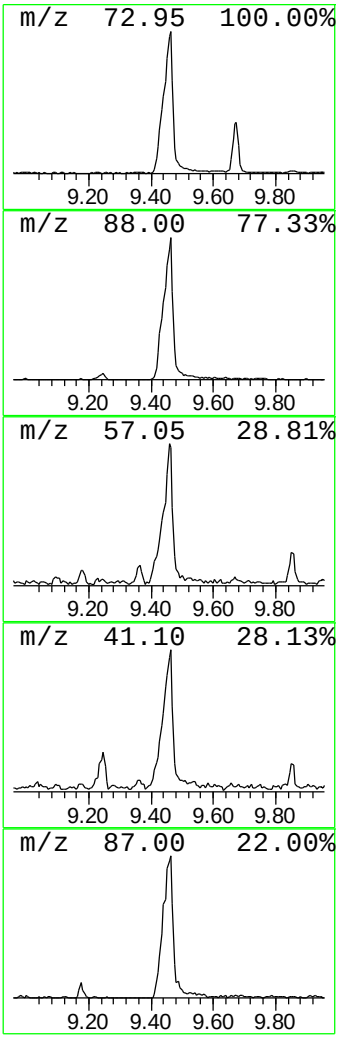
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	3.09 ng	270020	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	47
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	45
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	43





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 10-(6-8)

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
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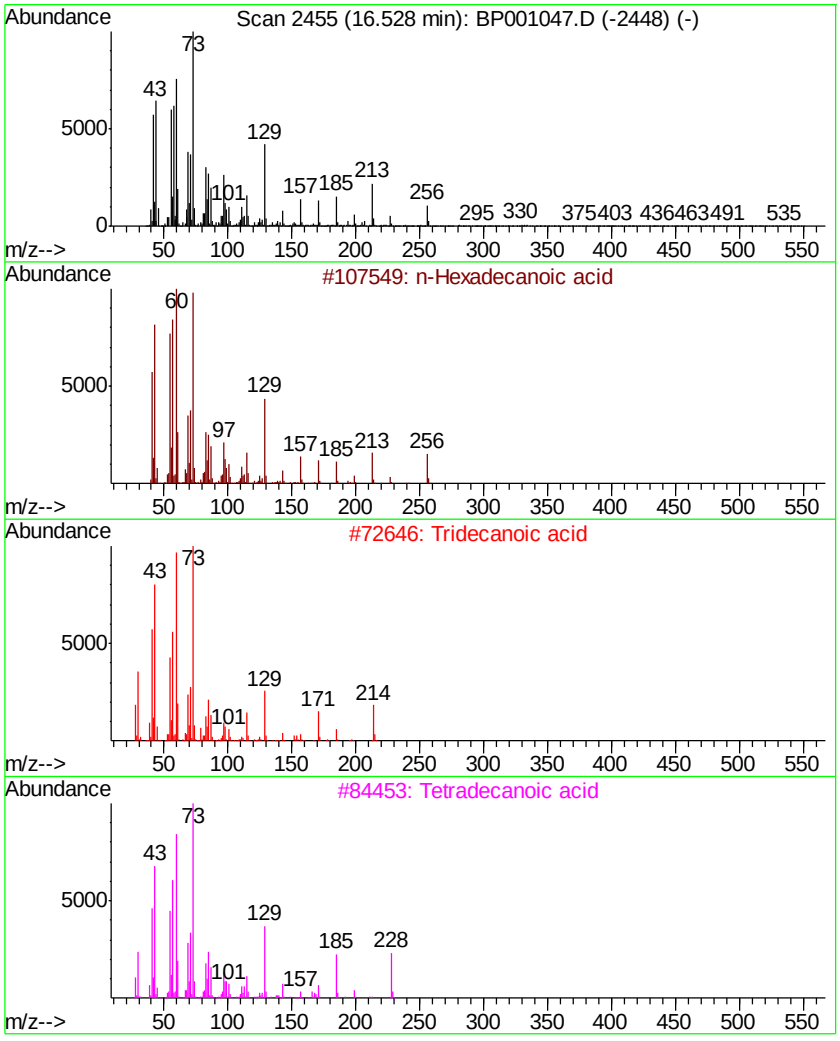
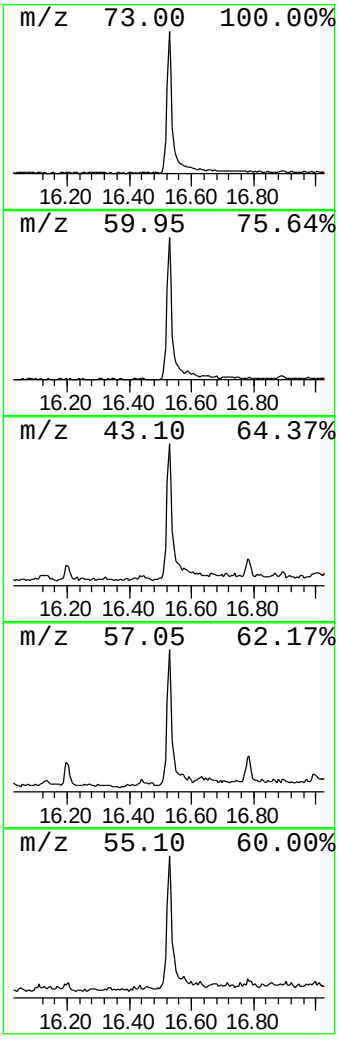
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.39 ng	519746	Phenanthrene-d10	15.65

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





Library Search Compound Report

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Data File : BP001047.D
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Operator : JU
Sample : K5832-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 10-(6-8)

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

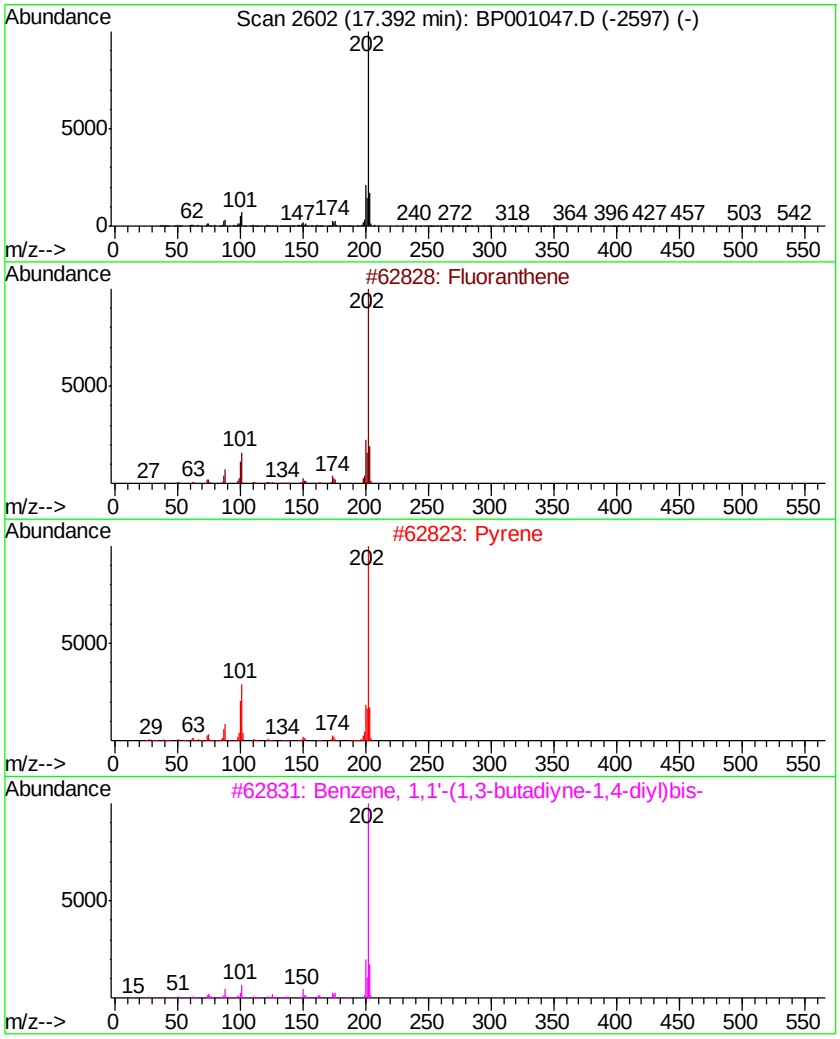
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

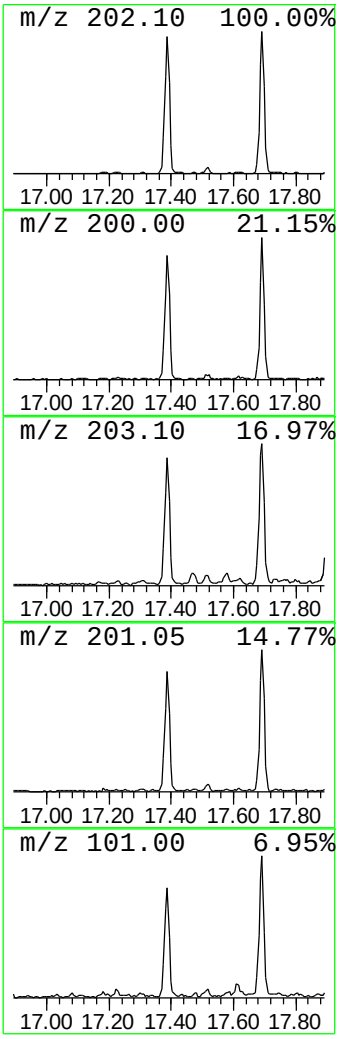
****

Peak Number 8 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	2.02 ng	238734	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	87
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	74
4	5-(4-Methylphenyl)furan-2-carbox...	202	C12H10O3	1000305-27-5	50
5	4-Methoxy-naphthalene-1-carboxyl...	202	C12H10O3	1000317-85-4	40





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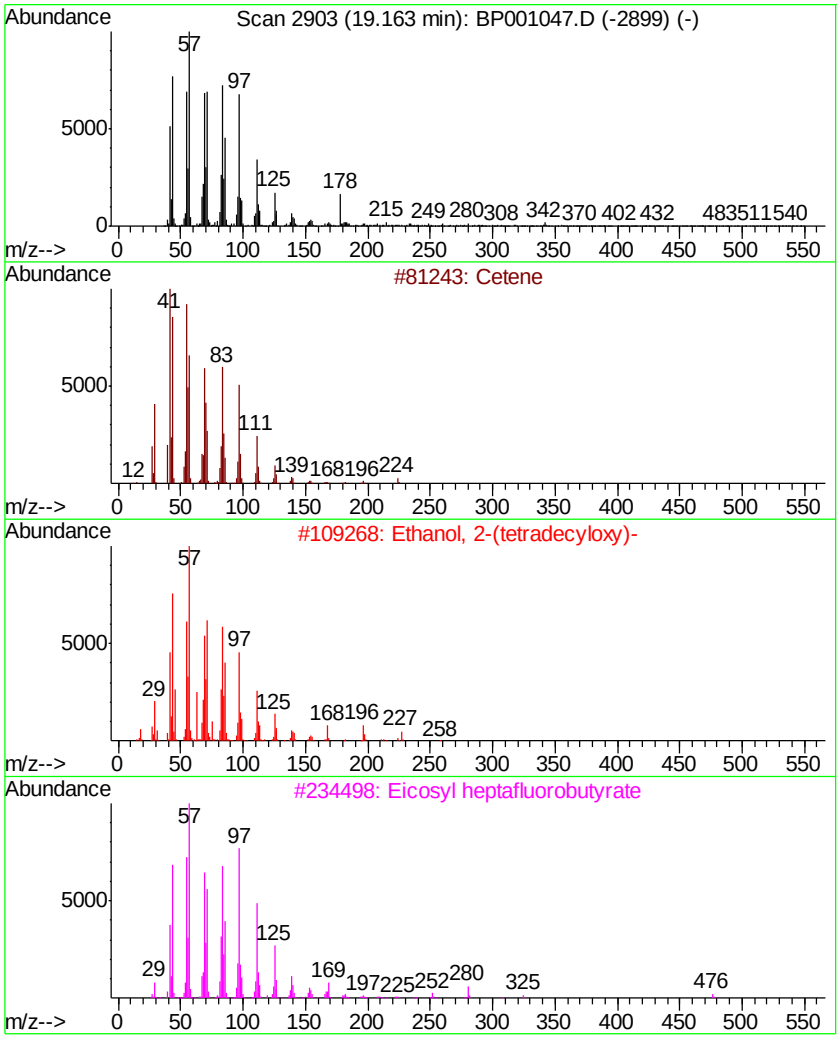
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

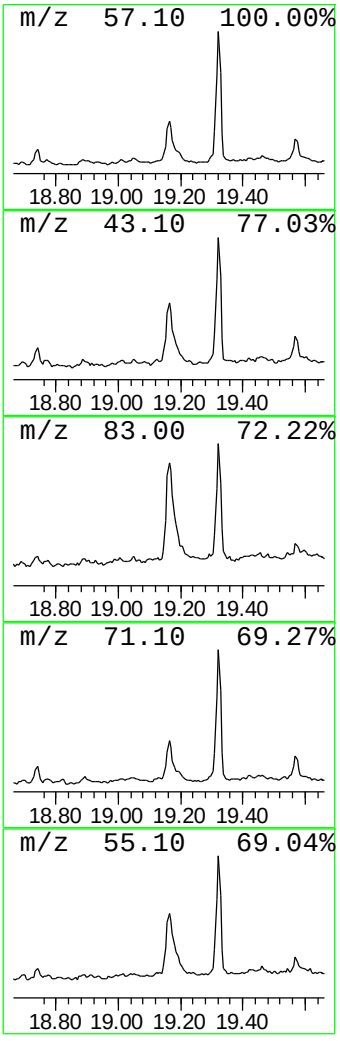
****

Peak Number 9 Cetene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	5.59 ng	674678	Chrysene-d12	19.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	92
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP111519\
Data File : BP001047.D
Acq On : 15 Nov 2019 18:55
Operator : JU
Sample : K5832-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10-(6-8)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.35	12.0	ng	829444	1	8.37	1377710	20.0
2-Pentanone, 4-hy...	5.75	13.8	ng	947618	1	8.37	1377710	20.0
unknown8.01	8.01	90.8	ng	6257540	1	8.37	1377710	20.0
unknown8.52	8.52	2.3	ng	159364	1	8.37	1377710	20.0
Hexanoic acid, 2-...	9.46	3.1	ng	270020	2	10.39	1747710	20.0
n-Hexadecanoic acid	16.53	4.4	ng	519746	4	15.65	2367620	20.0
Benzene, 1,1'-(1,...	17.39	2.0	ng	238734	4	15.65	2367620	20.0
Cetene	19.16	5.6	ng	674678	5	19.28	2412110	20.0