LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

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-BP121919.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	5.587	591	595	606	rVB	50114	73076	1.27%	0.308%
2	6.204	693	700	717	rVB	354715	449969	7.82%	1.896%
3	7.751	956	963	972	rBV	231889	328577	5.71%	1.385%
4	7.934	987	994	1001	rBV	778793	967827	16.81%	4.079%
5	8.281	1048	1053	1060	rBV	174405	213257	3.70%	0.899%
6	8.451	1060	1082	1089	rVV3	53003	222138	3.86%	0.936%
7	8.528	1089	1095	1107	rVB	835099	1003681	17.44%	4.230%
8	8.769	1116	1136	1147	rVB3	52923	204928	3.56%	0.864%
9	8.951	1160	1167	1172	rVB	1194471	1404923	24.41%	5.921%
10	9.169	1198	1204	1208	rBV	599655	840035	14.59%	3.540%
11	9.304	1223	1227	1243	rVB2	123575	279599	4.86%	1.178%
12	9.486	1252	1258	1268	rBV4	106276	295919	5.14%	1.247%
13	9.610	1276	1279	1286	rBV	259902	580891	10.09%	2.448%
14	9.663	1286	1288	1306	rVB2	141114	418235	7.27%	1.763%
15	9.822	1312	1315	1330	rVB4	28948	87574	1.52%	0.369%
16	10.322	1349	1400	1403	rBV5	413351	2023690	35.15%	8.528%
17	10.798	1479	1481	1482	rVB	129590	85422	1.48%	0.360%
18	11.004	1482	1516	1519	rVV4	900530	5756542	100.00%	24.260%
19	11.057	1519	1525	1526	rVV	445034	632315	10.98%	2.665%
20	11.139	1536	1539	1541	rVB3	78363	74385	1.29%	0.313%
21	11.169	1541	1544	1546	rBV	76698	90198	1.57%	0.380%
22	11.204	1546	1550	1553	rVB2	106453	133739	2.32%	0.564%
23	11.233	1553	1555	1559	rVB2	105326	98288	1.71%	0.414%
24	11.292	1561	1565	1568	rBV2	104317	140684	2.44%	0.593%
25	11.328	1568	1571	1573	rBV3	77152	102783	1.79%	0.433%
26	11.363	1574	1577	1582	rVB2	199156	338808	5.89%	1.428%
27	11.439	1582	1590	1595	rVB	205544	337267	5.86%	1.421%
28	11.528	1603	1605	1610	rVB2	90183	134831	2.34%	0.568%
29	11.628	1616	1622	1631	rVB4	70330	155178	2.70%	0.654%
30	12.104	1695	1703	1707	rBV	1161662	1401816	24.35%	5.908%
31	12.304	1733	1737	1744	rVB	72055	89846	1.56%	0.379%
32	12.775	1812	1817	1821	rVB	62310	72404	1.26%	0.305%
33	13.004	1849	1856	1863	rBV	60260	112784	1.96%	0.475%
34	13.180	1880	1886	1891	rBV	265019	332186	5.77%	1.400%

LSC Area Percent Report

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Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

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-BP121919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.486	2100	2108	2122	rBV	808763	1118772	19.43%	4.715%
36	15.580	2289	2294	2299	rVB	286963	324186	5.63%	1.366%
37	16.474	2441	2446	2454	rBV	114558	153114	2.66%	0.645%
38	17.557	2626	2630	2636	rBV	52866	72317	1.26%	0.305%
39	17.868	2677	2683	2687	rBV	1638349	1737119	30.18%	7.321%
40	19.151	2896	2901	2908	rBV3	37003	77988	1.35%	0.329%
41	19.221	2909	2913	2918	rVV	247877	285561	4.96%	1.203%
42	20.668	3155	3159	3165	rVB	48501	60746	1.06%	0.256%
43	20.992	3208	3214	3220	rVB	205486	273659	4.75%	1.153%
44	21.104	3228	3233	3239	rVB	46334	70389	1.22%	0.297%
45	21.592	3311	3316	3323	rVB	43414	71306	1.24%	0.301%

Sum of corrected areas: 23728952

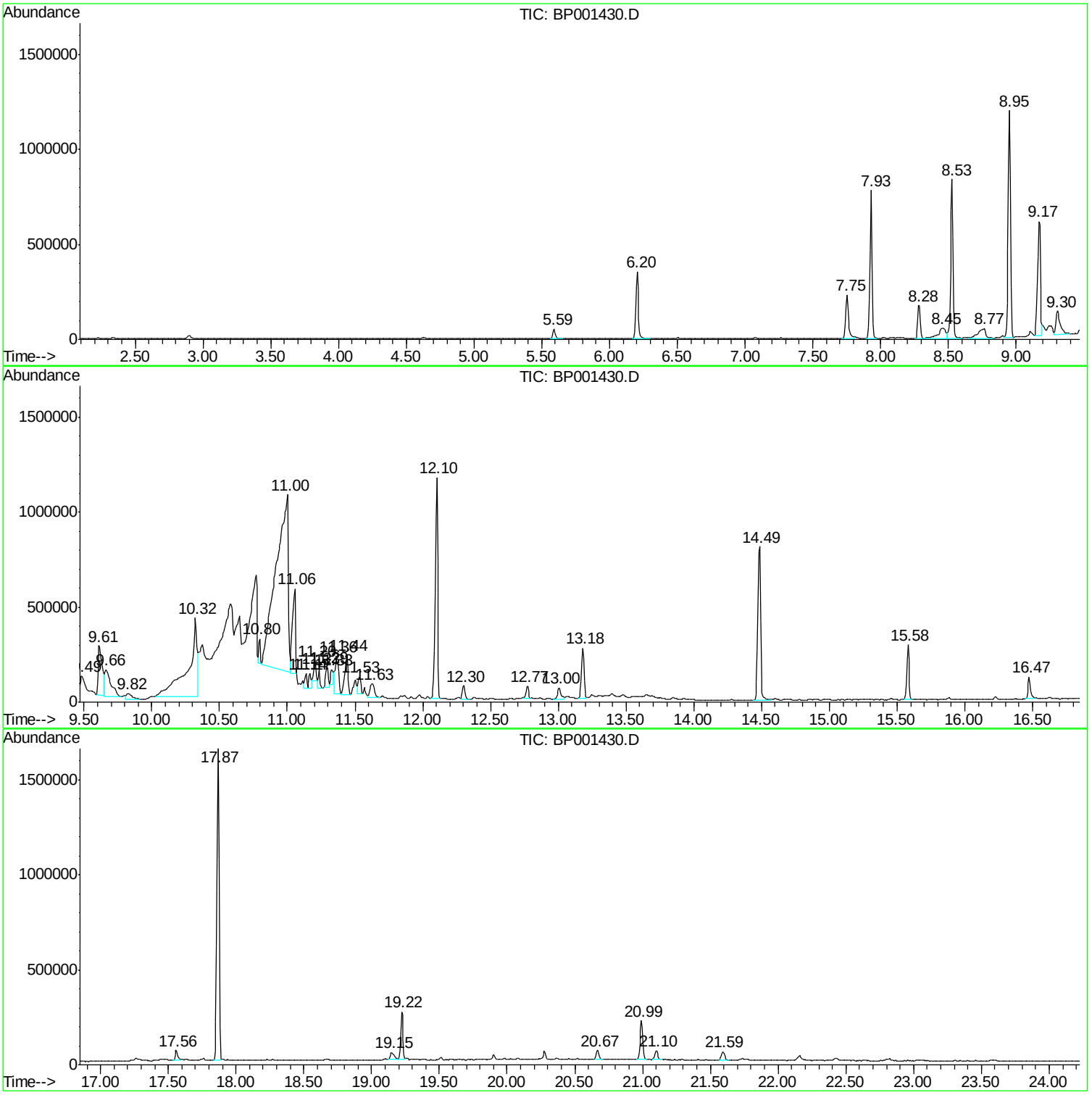
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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\BP122619\
Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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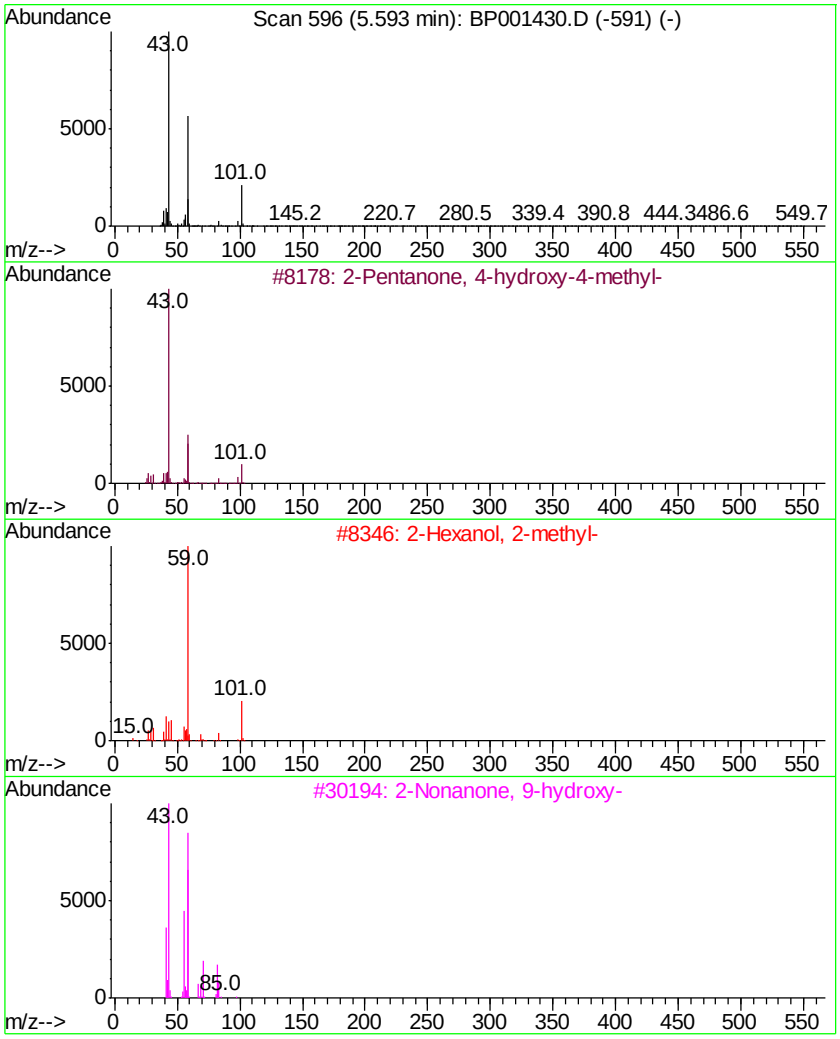
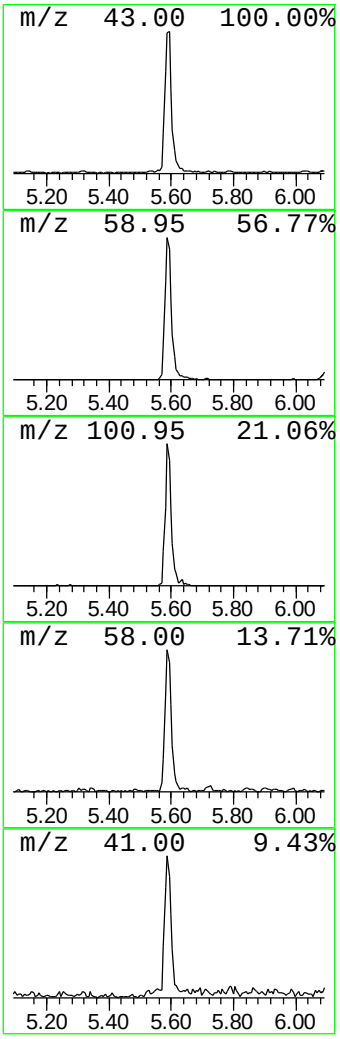
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	6.85 ng	73076	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

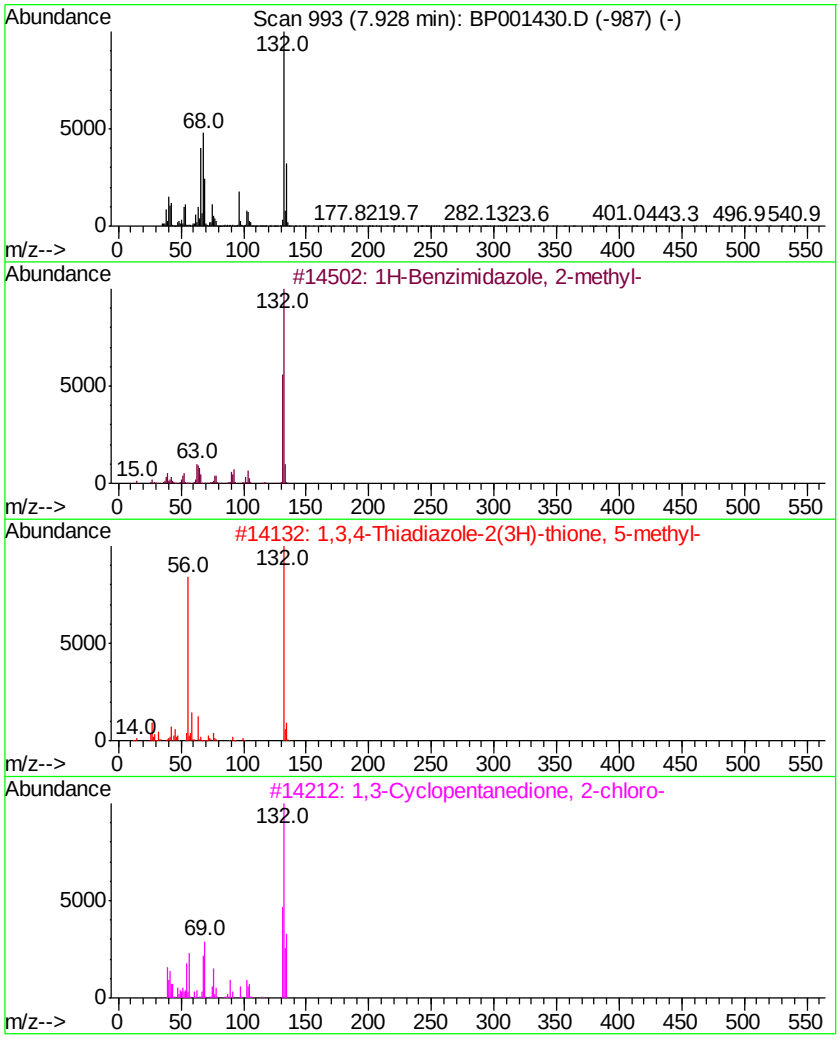
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

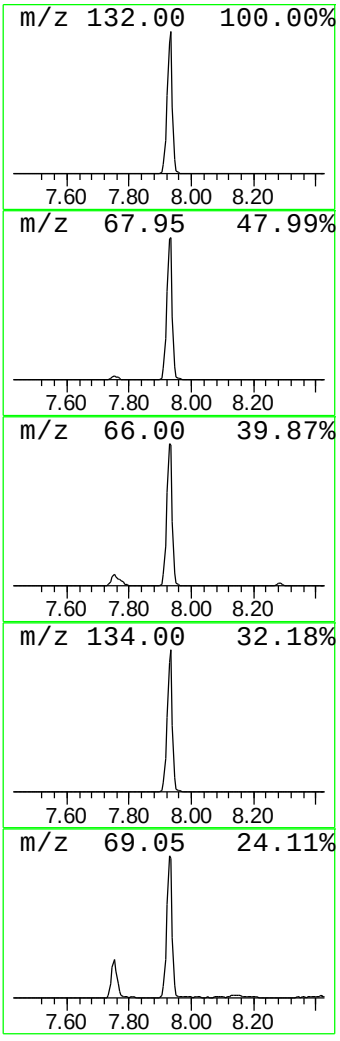
****

Peak Number 2 unknown7.93 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	90.77 ng	967827	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

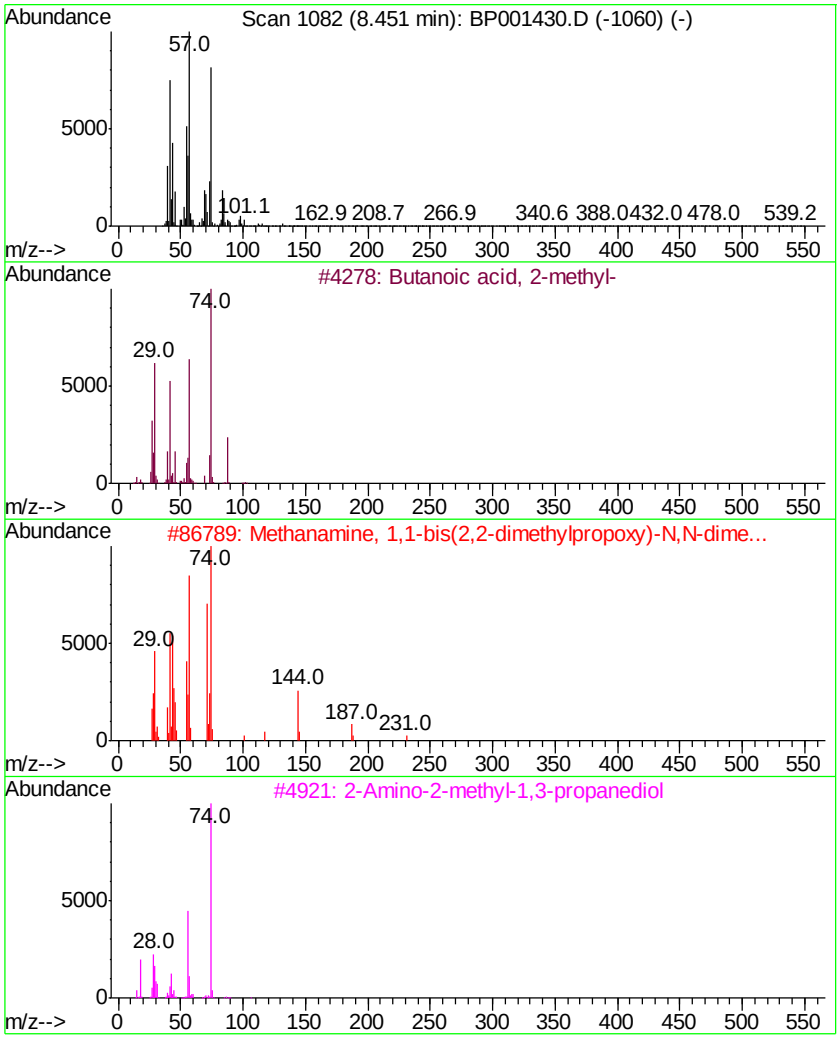
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

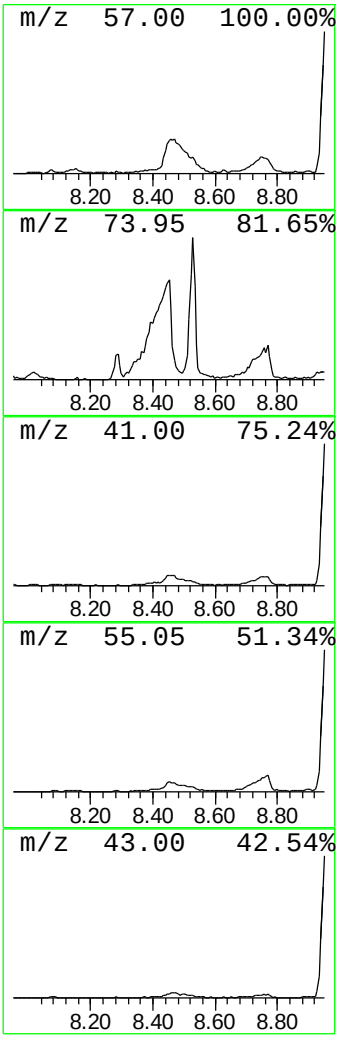
****

Peak Number 3 unknown8.45 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	20.83 ng	222138	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	40
2	Methanamine, 1,1-bis(2,2-dimethy...	231	C13H29NO2	004909-78-8	39
3	2-Amino-2-methyl-1,3-propanediol	105	C4H11NO2	000115-69-5	25
4	Aminoguanidine	74	CH6N4	000079-17-4	23
5	Diethanolamine	105	C4H11NO2	000111-42-2	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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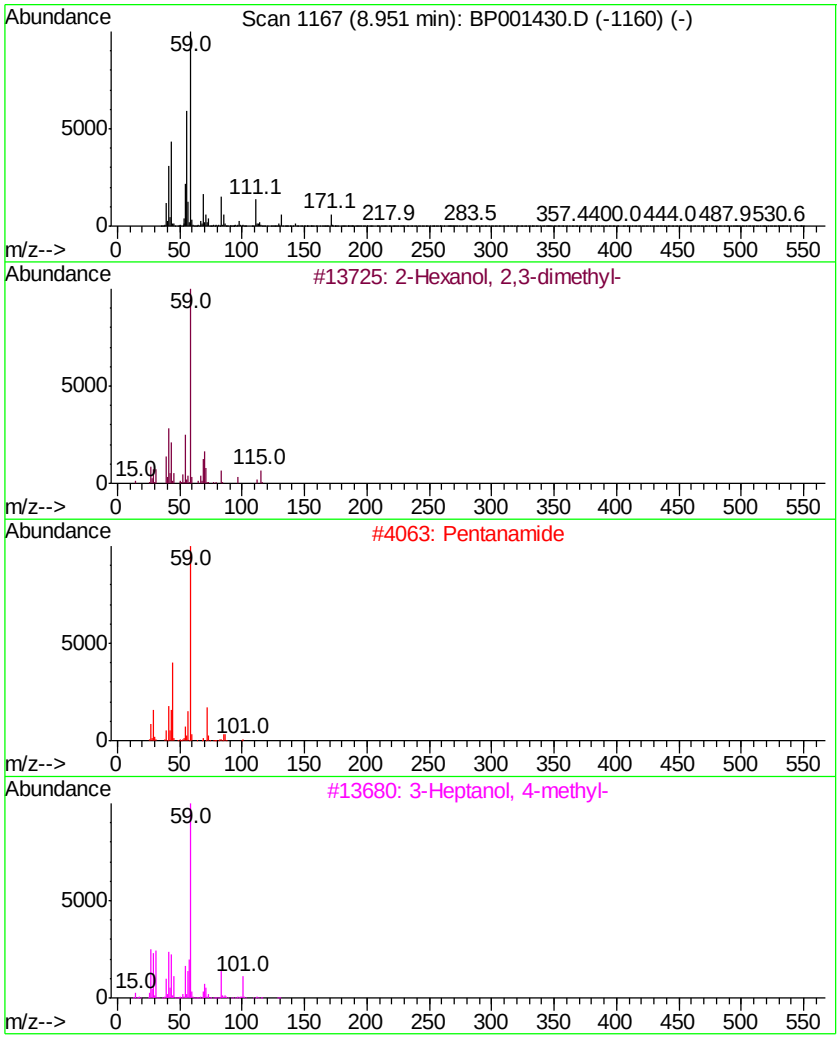
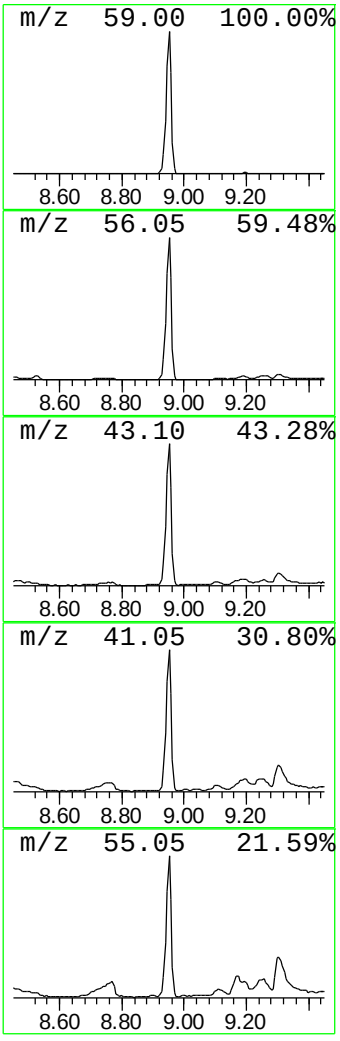
Peak Number 5 unknown8.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	131.76 ng	1404920	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	43
2	Pentanamide	101	C5H11NO	000626-97-1	38
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	38
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	38
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	244	C9H15F3O4	1000364-20-3	37





Library Search Compound Report

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Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

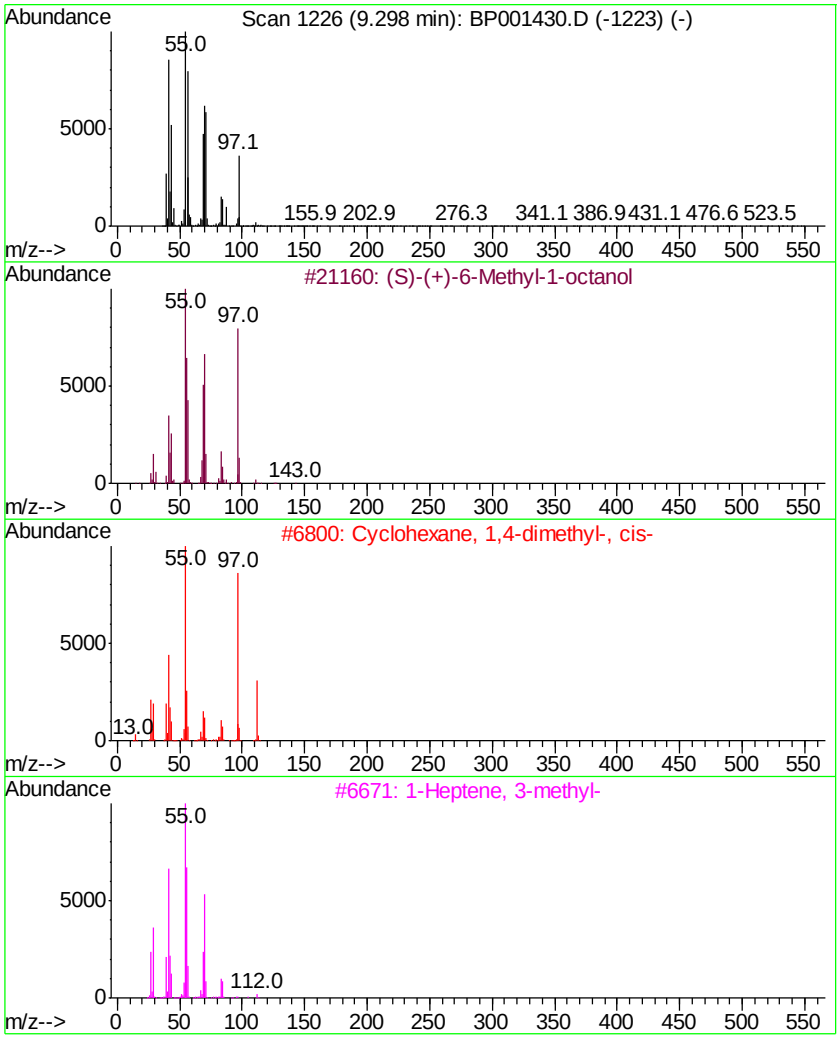
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

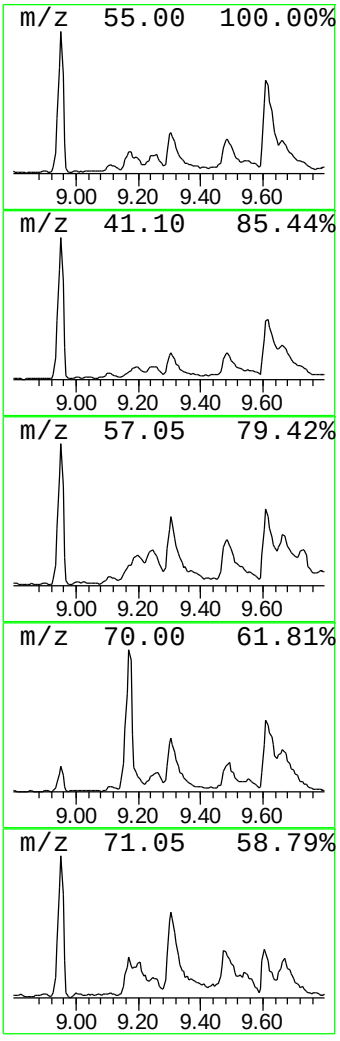
****

Peak Number 6 unknown9.30 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	26.22 ng	279599	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	47
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43
3	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	38
4	Cyclopropane, 1-methyl-2-(3-meth...	140	C10H20	062238-07-7	38
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	38





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

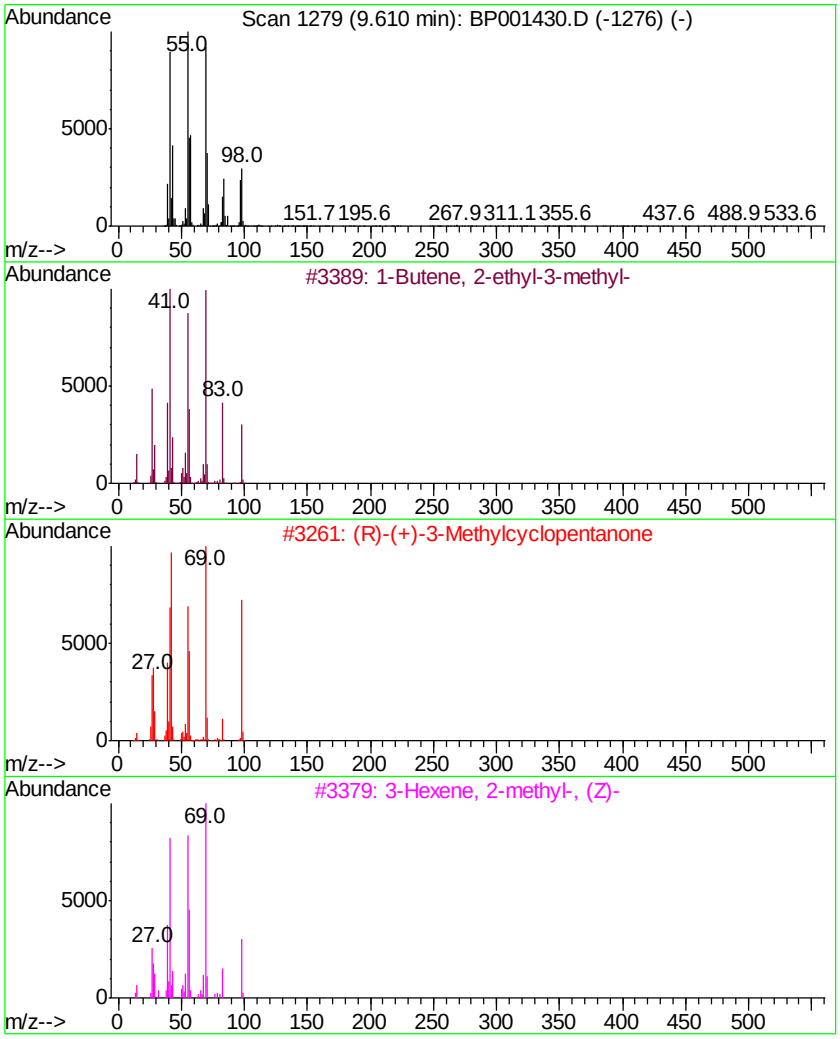
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

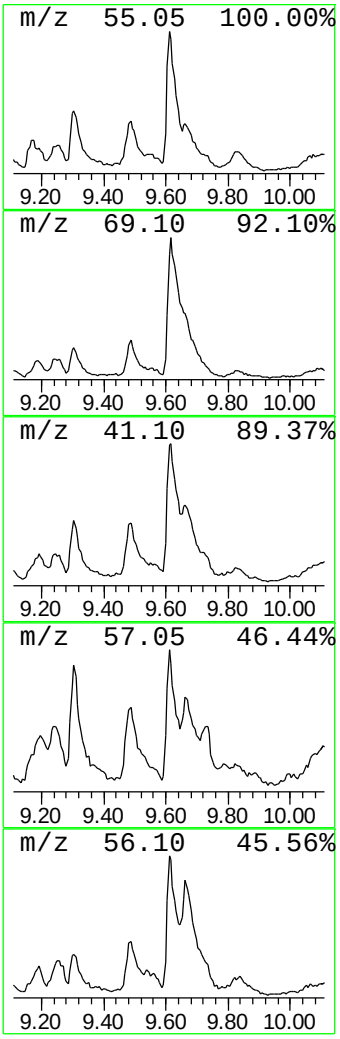
****

Peak Number 7 1-Butene, 2-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	5.74 ng	580891	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	58
2	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	53
3	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	52
4	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	49
5	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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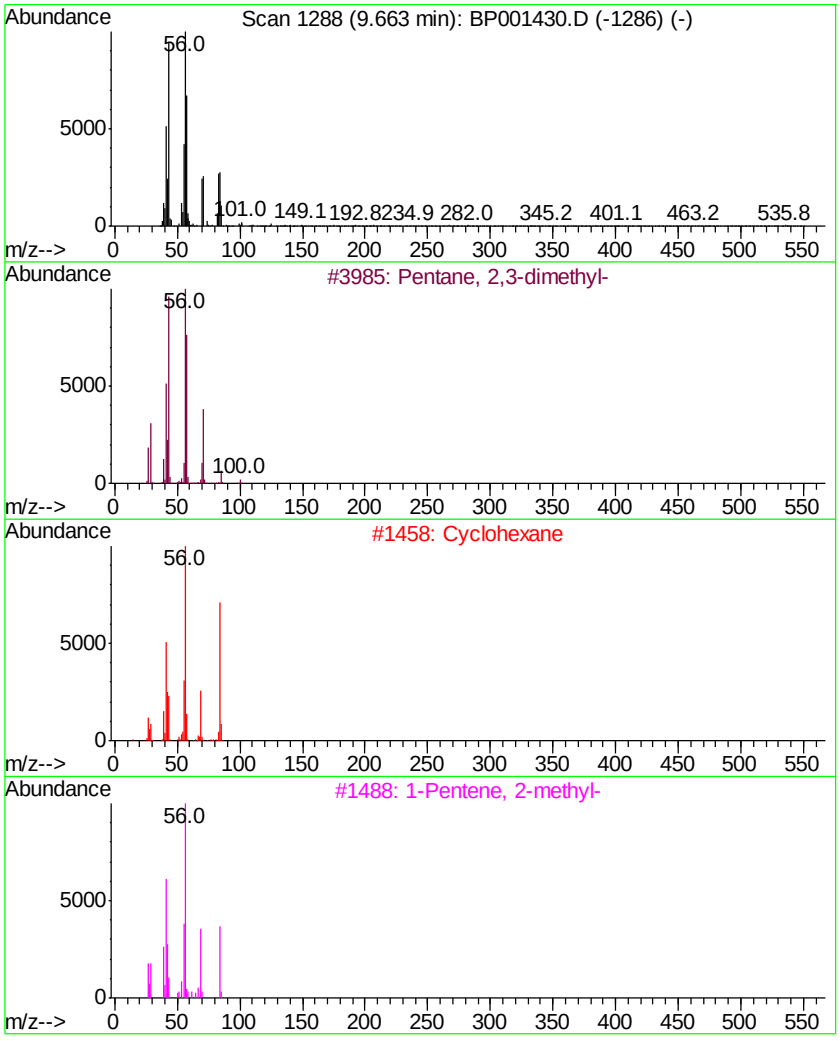
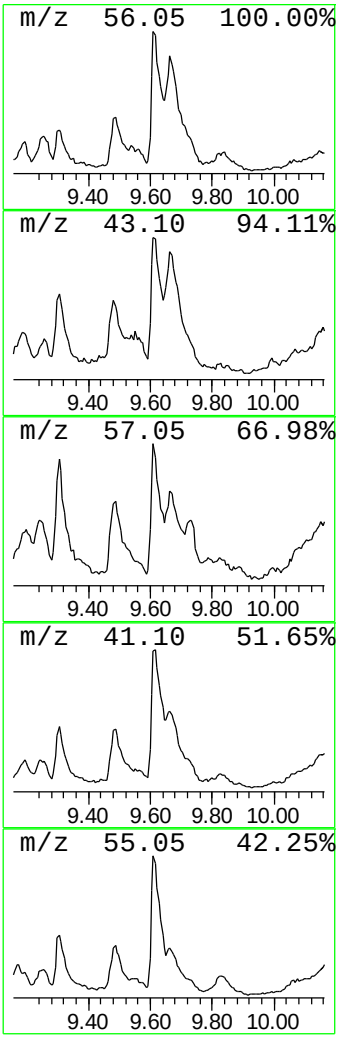
Peak Number 8 Pentane, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	4.13 ng	418235	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
2	Cyclohexane	84	C6H12	000110-82-7	50
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47
4	3,3-Diethyldiaziridine	100	C5H12N2	052175-94-7	45
5	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	42





Library Search Compound Report

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Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

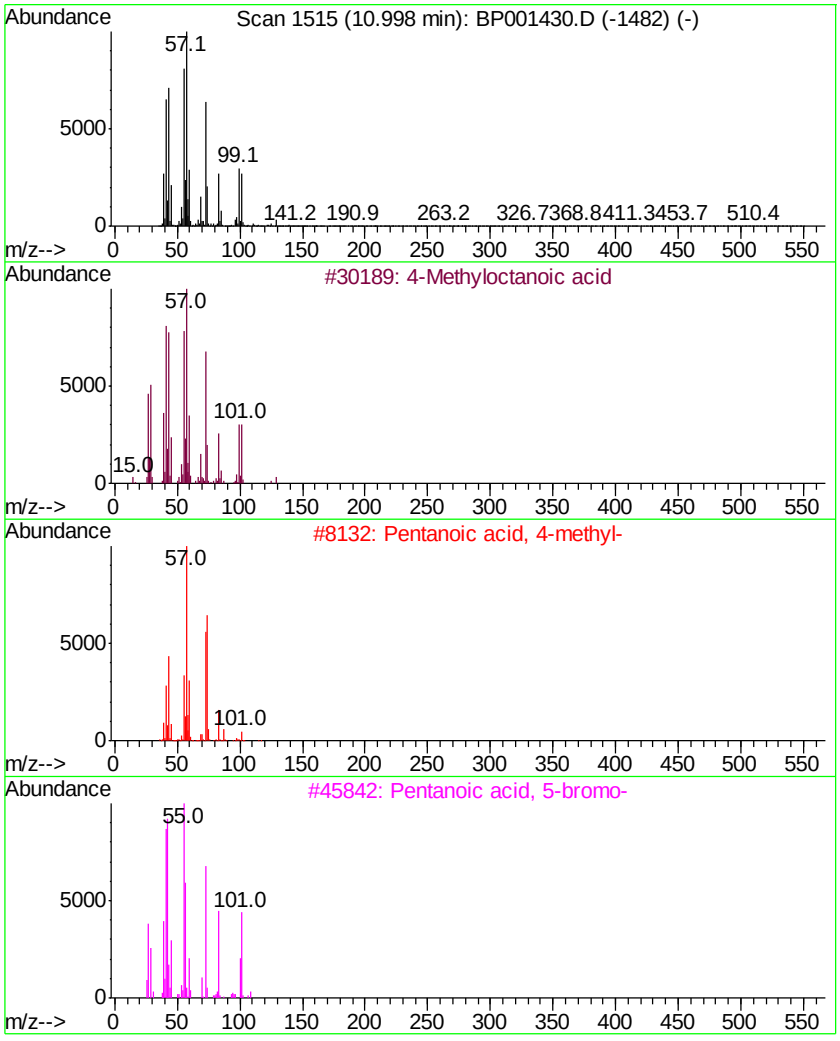
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

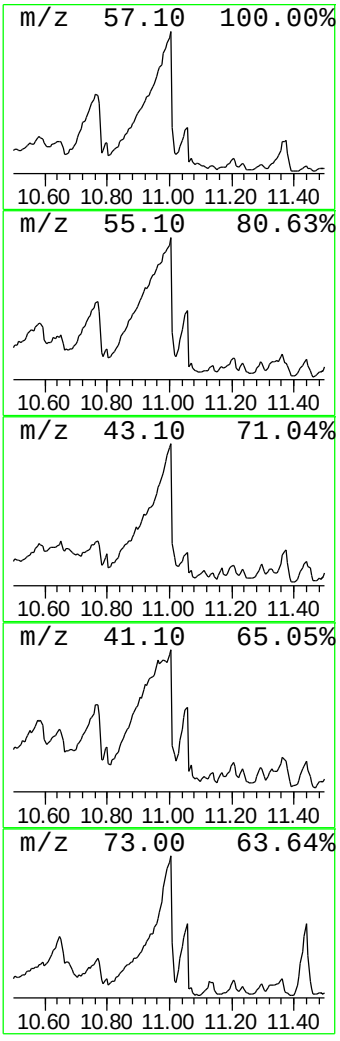
****

Peak Number 9 4-Methyloctanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	56.89 ng	5756540	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyloctanoic acid	158	C9H18O2	054947-74-9	91
2	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	42
3	Pentanoic acid, 5-bromo-	180	C5H9BrO2	002067-33-6	32
4	Pentanoic acid, 4,4-dimethyl-3-o...	158	C8H14O3	055107-14-7	22
5	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	16





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Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

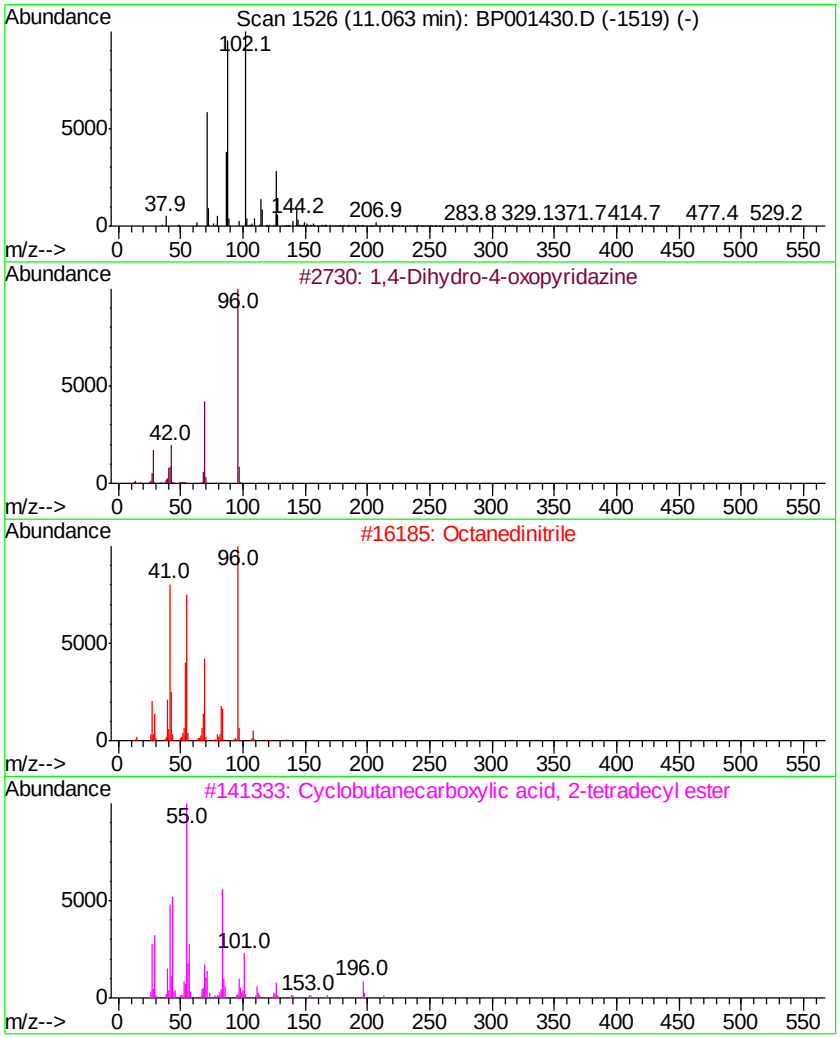
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

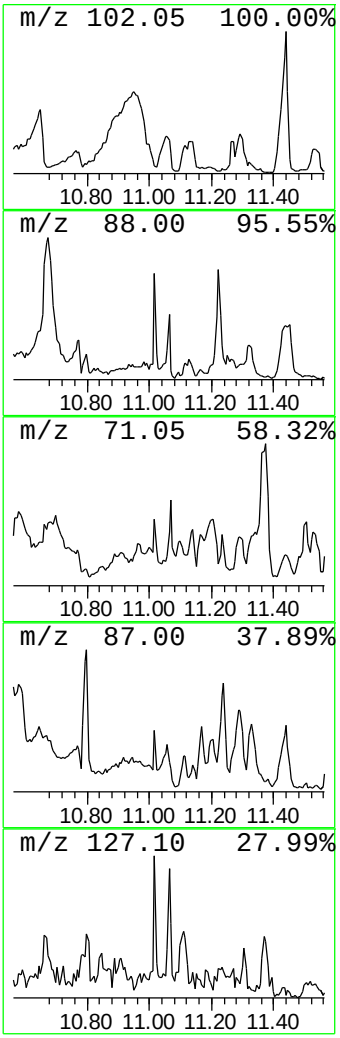
****

Peak Number 10 unknown11.06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	6.25 ng	632315	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydro-4-oxopyridazine	96	C4H4N2O	017417-57-1	18
2	Octanedinitrile	136	C8H12N2	000629-40-3	12
3	Cyclobutanecarboxylic acid, 2-te...	296	C19H36O2	1000280-57-8	12
4	Cyclohexanecarboxylic acid, 2-te...	324	C21H40O2	1000280-59-6	12
5	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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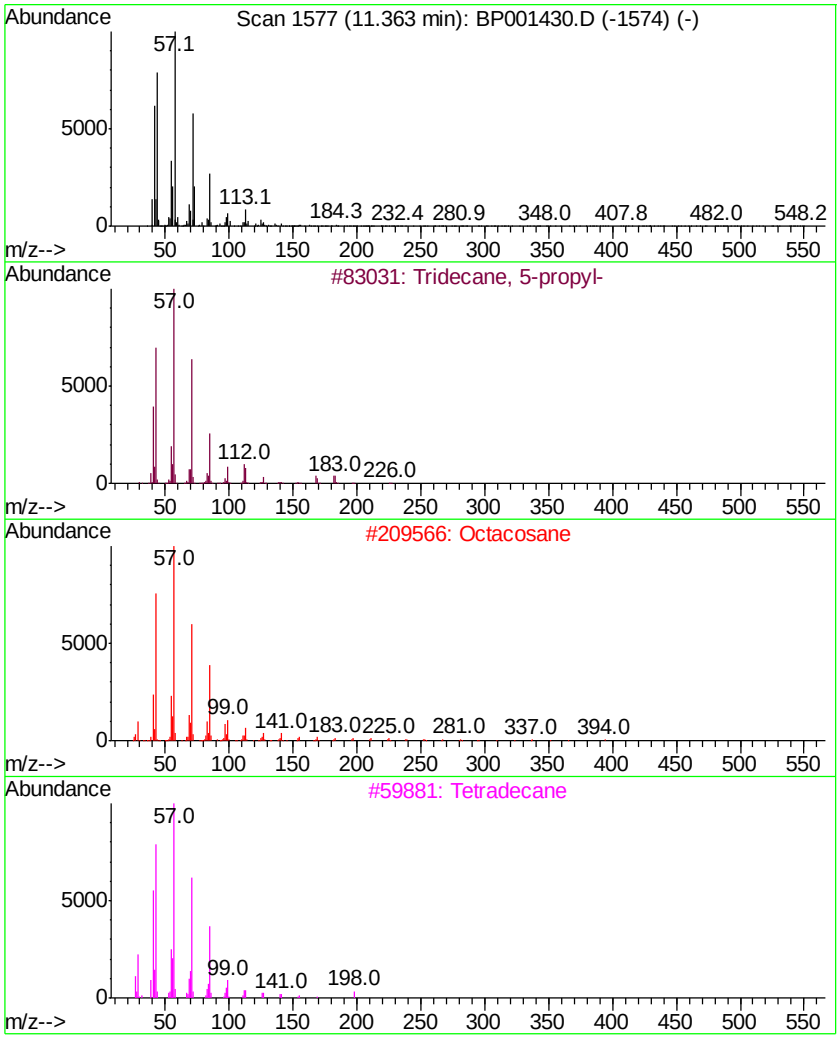
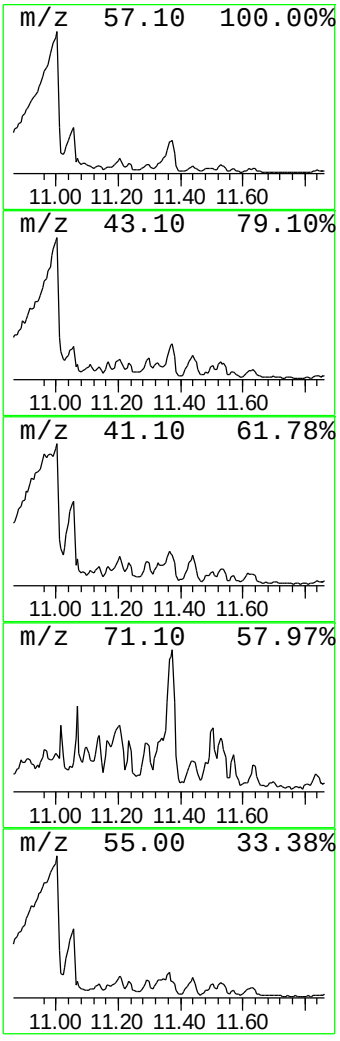
Peak Number 11 Tridecane, 5-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	3.35 ng	338808	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
2	Octacosane	394	C28H58	000630-02-4	70
3	Tetradecane	198	C14H30	000629-59-4	68
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	58





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Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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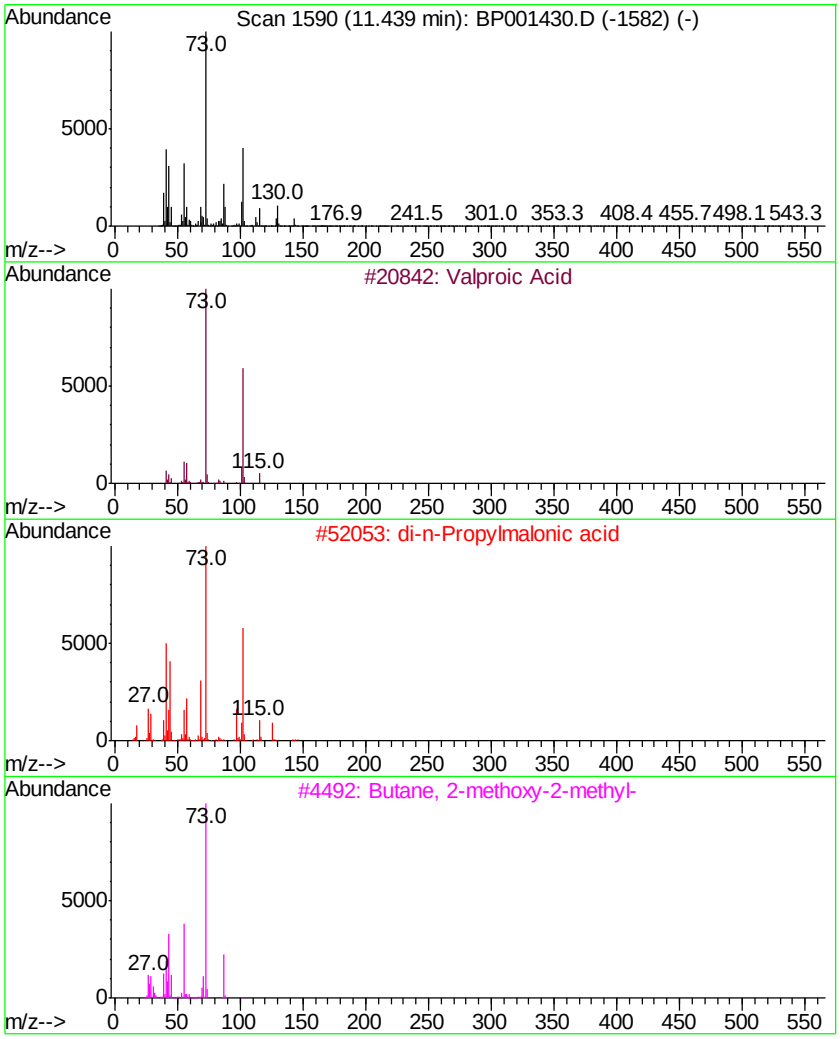
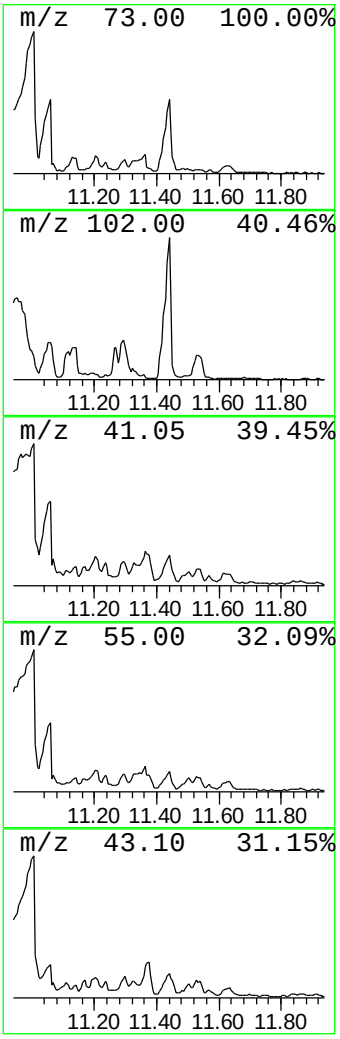
Peak Number 12 unknown11.44 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.33 ng	337267	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valproic Acid	144	C8H16O2	000099-66-1	32
2	di-n-Propylmalonic acid	188	C9H16O4	001636-27-7	32
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	14
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	10
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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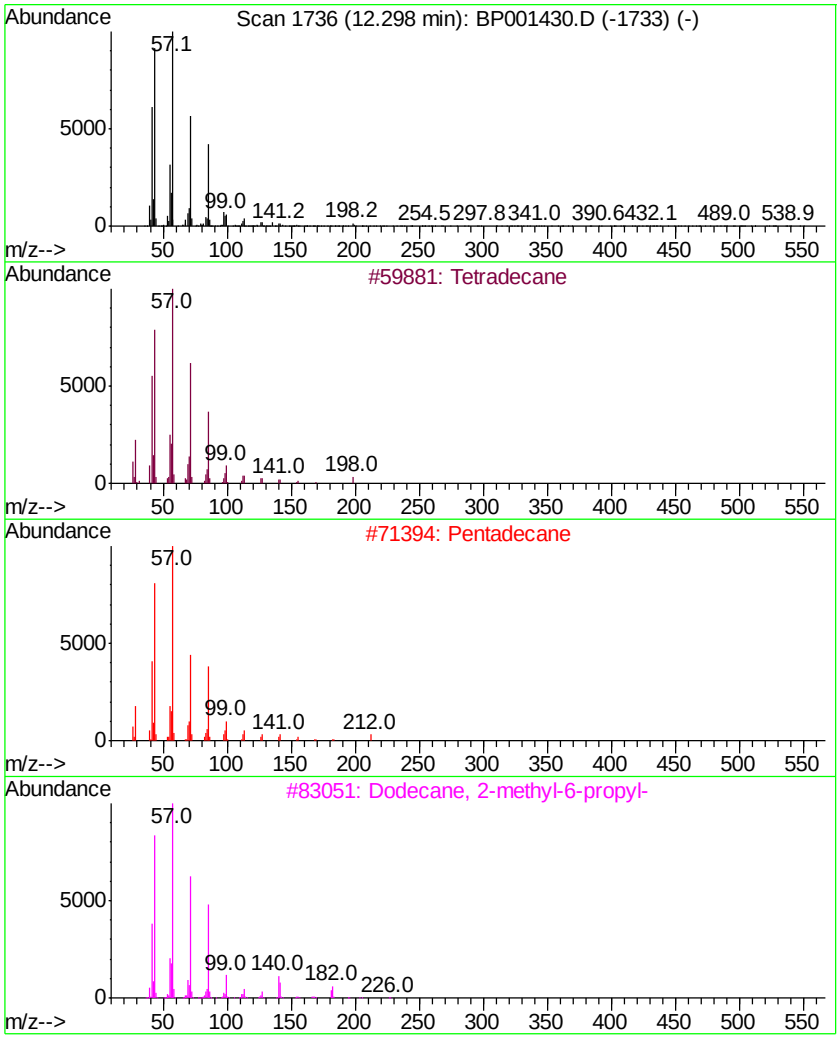
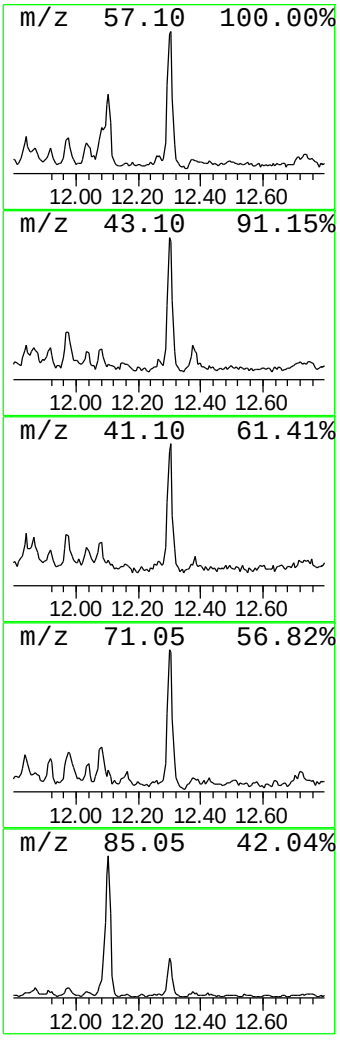
Peak Number 13 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	5.41 ng	89846	Acenaphthene-d10	13.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Pentadecane	212	C15H32	000629-62-9	93
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	87





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Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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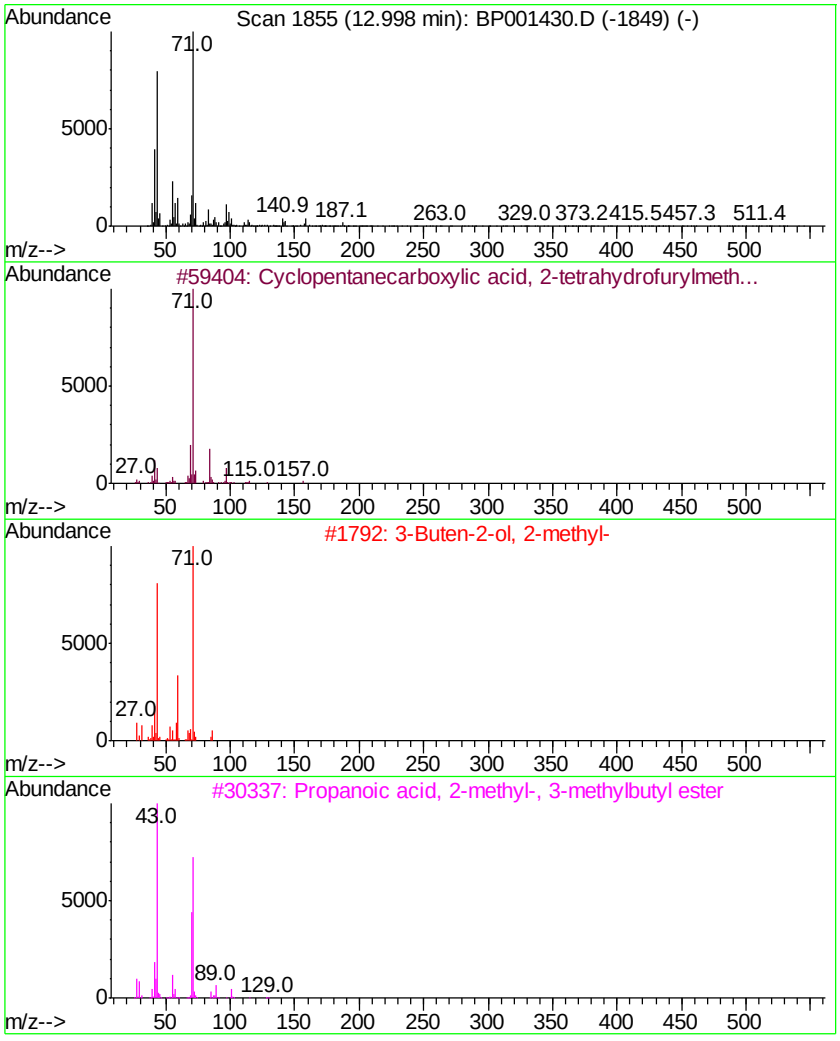
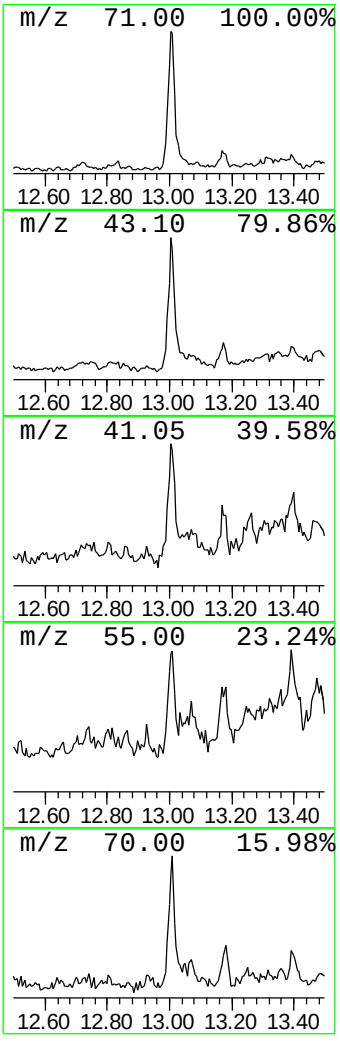
Peak Number 14 Cyclopentanecarboxylic acid... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.79 ng	112784	Acenaphthene-d10	13.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 2-t...	198	C11H18O3	1000282-42-9	53
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50
3	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	50
4	Oxalic acid, neopentyl pentyl ester	230	C12H22O4	1000309-72-9	50
5	2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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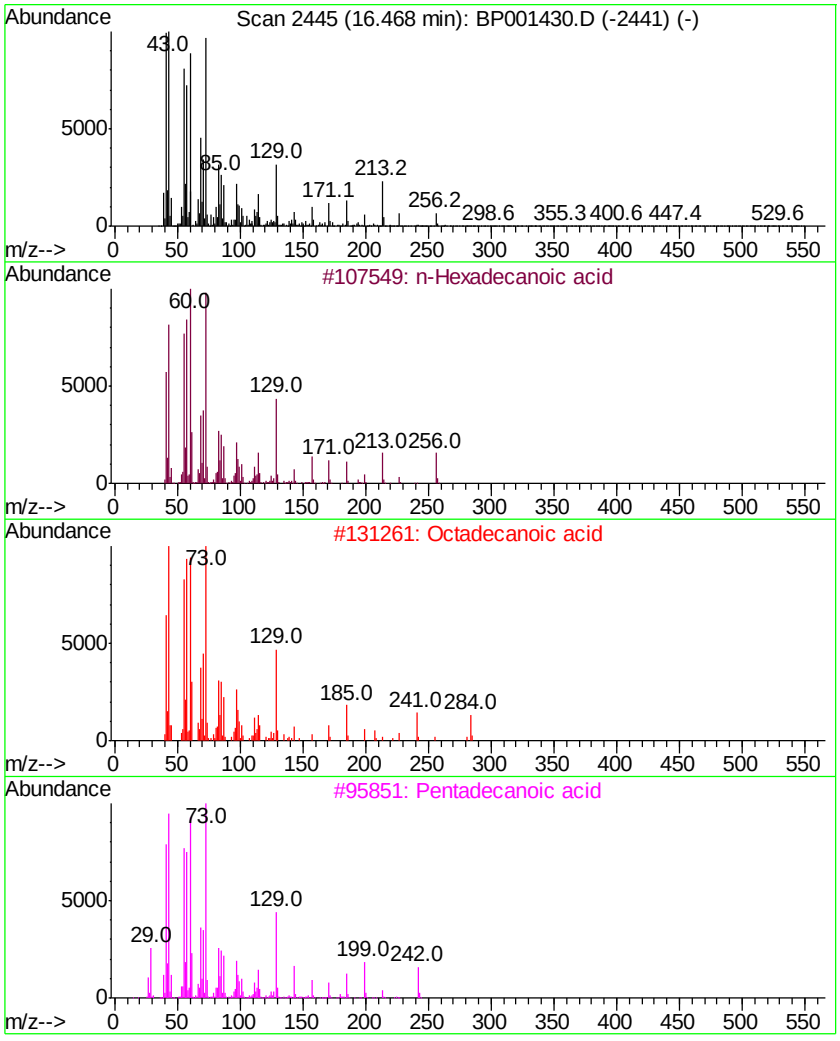
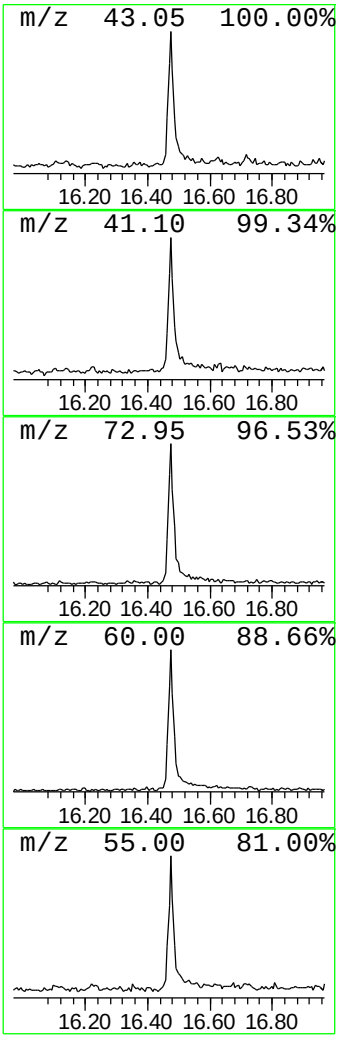
Peak Number 15 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	9.45 ng	153114	Phenanthrene-d10	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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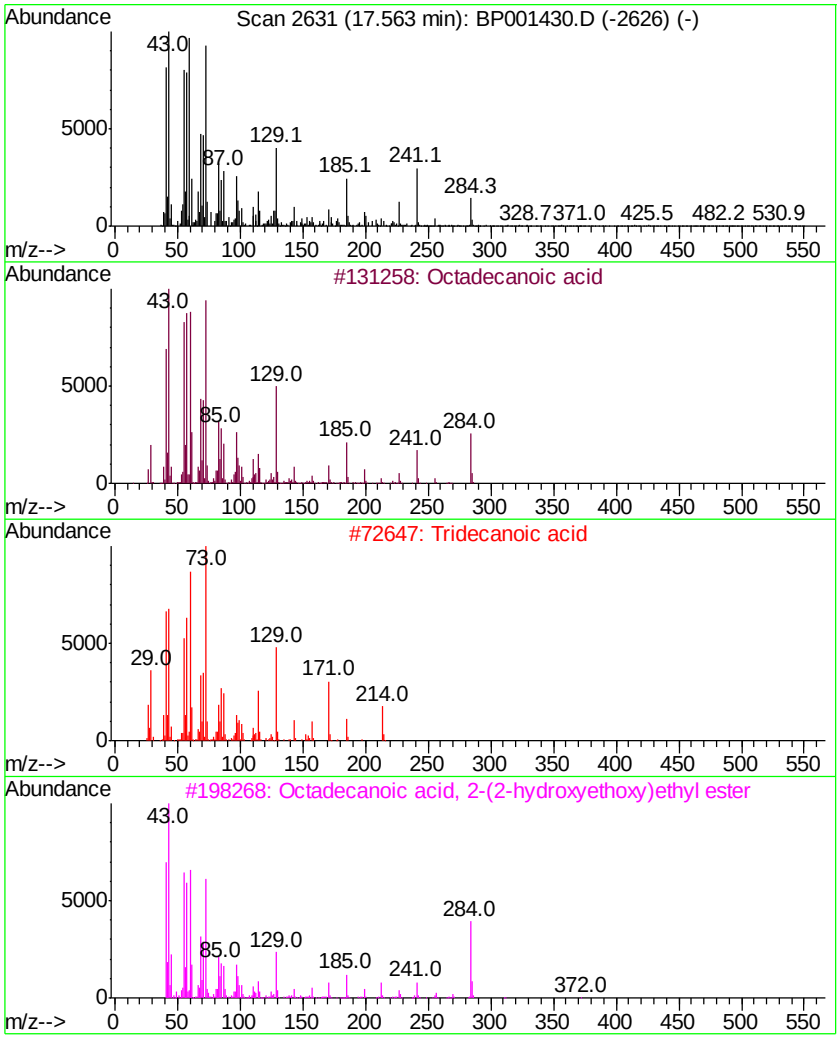
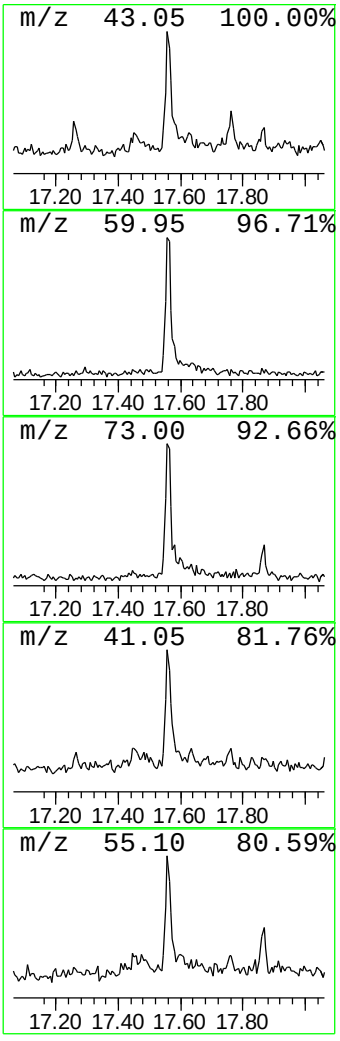
Peak Number 16 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	5.06 ng	72317	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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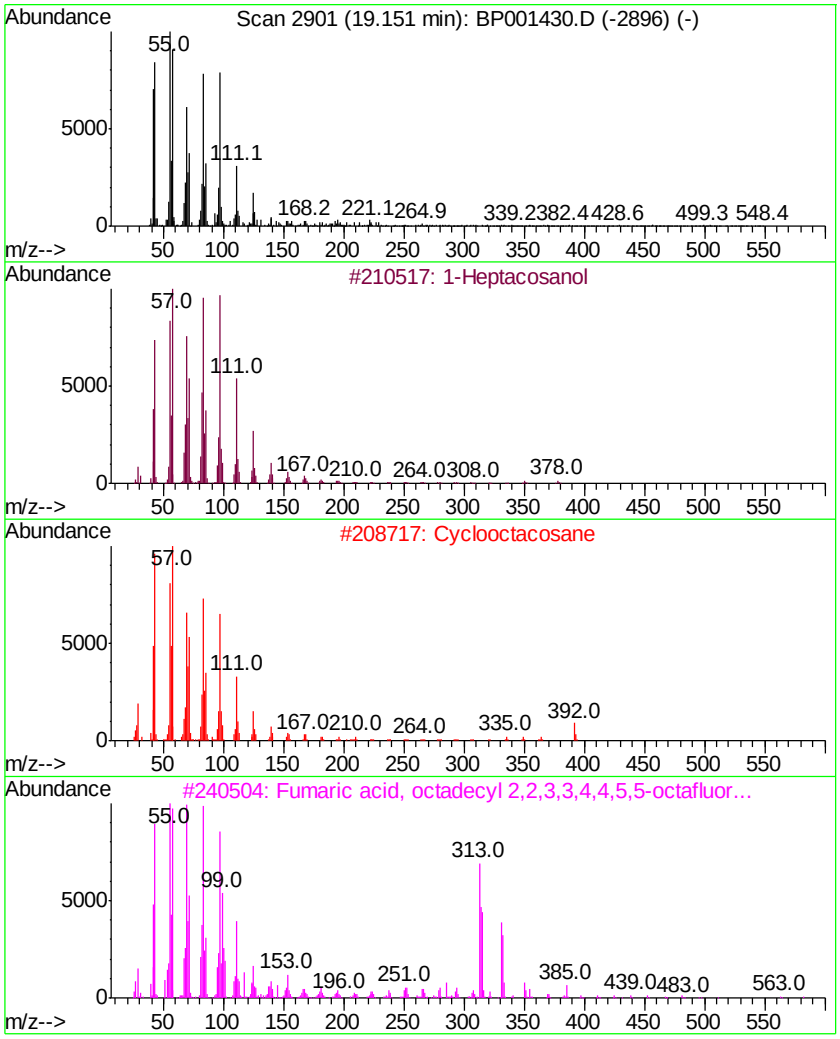
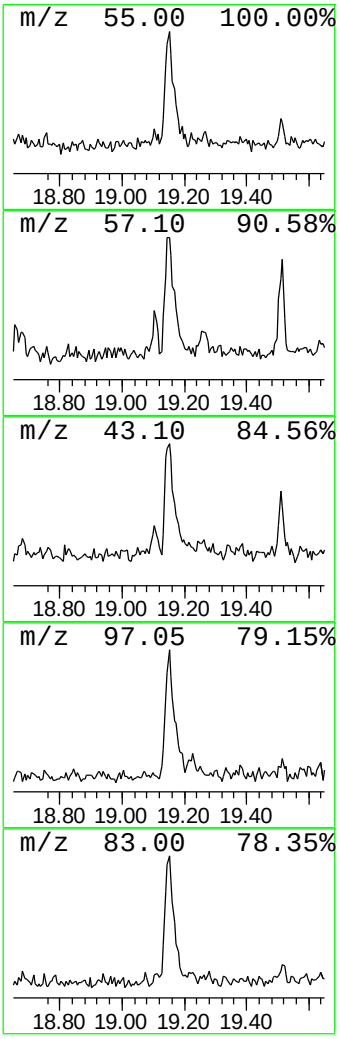
Peak Number 17 1-Heptacosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	5.46 ng	77988	Chrysene-d12	19.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Cyclooctacosane	392	C28H56	000297-24-5	91
3	Fumaric acid, octadecyl 2,2,3,3,...	582	C27H42F8O4	1000348-79-4	90
4	Octacosanol	410	C28H58O	000557-61-9	80
5	Fumaric acid, nonadecyl 2,2,3,3,...	596	C28H44F8O4	1000348-79-5	76





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Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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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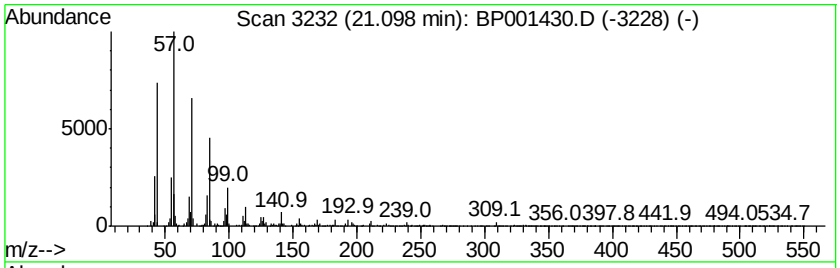
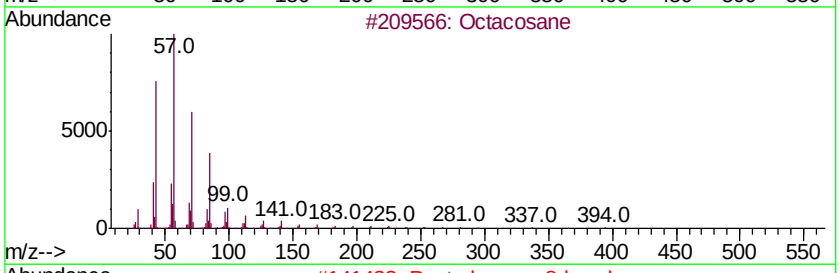
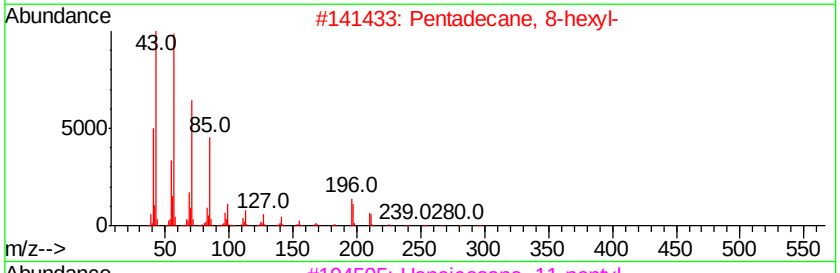
Peak Number 19 Octacosane Concentration Rank 15

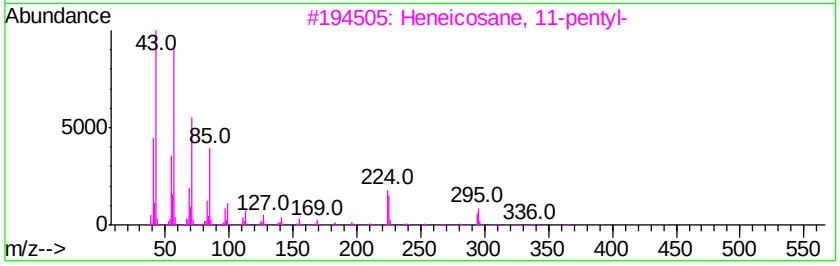
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	5.14 ng	70389	Perylene-d12	20.99

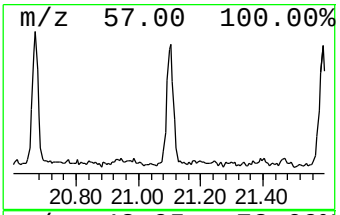
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91

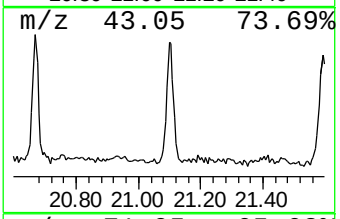


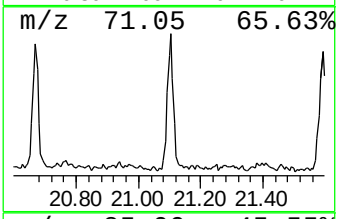


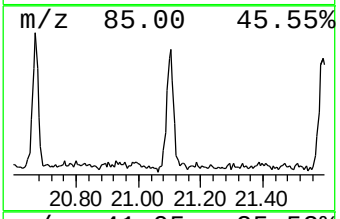


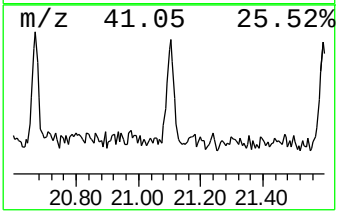












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122619\
Data File : BP001430.D
Acq On : 26 Dec 2019 19:25
Operator : JU
Sample : K6406-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C-WATER_12.20.19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP121919.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-Pentanone, 4-hy...	5.59	6.8	ng	73076	1	8.29	213257	20.0
unknown7.93	7.93	90.8	ng	967827	1	8.29	213257	20.0
unknown8.45	8.45	20.8	ng	222138	1	8.29	213257	20.0
unknown8.95	8.95	131.8	ng	1404920	1	8.29	213257	20.0
unknown9.30	9.30	26.2	ng	279599	1	8.29	213257	20.0
1-Butene, 2-ethyl...	9.61	5.7	ng	580891	2	10.32	2023690	20.0
Pentane, 2,3-dime...	9.66	4.1	ng	418235	2	10.32	2023690	20.0
4-Methyloctanoic ...	11.00	56.9	ng	5756540	2	10.32	2023690	20.0
unknown11.06	11.06	6.3	ng	632315	2	10.32	2023690	20.0
Tridecane, 5-propyl-	11.36	3.4	ng	338808	2	10.32	2023690	20.0
unknown11.44	11.44	3.3	ng	337267	2	10.32	2023690	20.0
Tetradecane	12.30	5.4	ng	89846	3	13.18	332186	20.0
Cyclopentanecarbo...	13.00	6.8	ng	112784	3	13.18	332186	20.0
n-Hexadecanoic acid	16.47	9.4	ng	153114	4	15.58	324186	20.0
Octadecanoic acid	17.56	5.1	ng	72317	5	19.22	285561	20.0
1-Heptacosanol	19.15	5.5	ng	77988	5	19.22	285561	20.0
Octacosane	21.10	5.1	ng	70389	6	20.99	273659	20.0