LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

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-BP020320.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	2.875	10	15	21	rBV	2573082	3422844	10.50%	1.881%
2	2.940	21	26	35	rVV	683901	1749164	5.37%	0.961%
3	3.022	35	40	59	rVB	1843032	2834235	8.70%	1.557%
4	3.522	121	125	137	rBV2	251315	431522	1.32%	0.237%
5	5.340	427	434	443	rBV	3913342	5648974	17.33%	3.104%
6	6.899	692	699	713	rVB	2262886	3702136	11.36%	2.034%
7	7.722	831	839	847	rBV	1684021	2670219	8.19%	1.467%
8	7.805	847	853	862	rVB	587467	851476	2.61%	0.468%
9	8.046	885	894	901	rBV	7038973	11330829	34.77%	6.226%
10	8.869	1021	1034	1043	rBV	5104385	8552762	26.24%	4.699%
11	8.969	1044	1051	1055	rVV	370604	573434	1.76%	0.315%
12	9.075	1055	1069	1089	rVB	901690	2693390	8.26%	1.480%
13	10.499	1303	1311	1318	rBV	2152599	3600357	11.05%	1.978%
14	12.140	1582	1590	1603	rBV	150600	329338	1.01%	0.181%
15	12.975	1724	1732	1744	rVB	12483232	18689544	57.35%	10.269%
16	14.022	1904	1910	1921	rBV	374996	525559	1.61%	0.289%
17	14.351	1959	1966	1971	rBV2	2800176	4346966	13.34%	2.389%
18	14.398	1971	1974	1998	rVB	465665	858837	2.64%	0.472%
19	15.734	2195	2201	2209	rBV	1819146	2381296	7.31%	1.308%
20	15.839	2212	2219	2229	rVV	8303703	11827848	36.29%	6.499%
21	16.616	2344	2351	2364	rBV	206089	403255	1.24%	0.222%
22	17.098	2426	2433	2438	rBV	3217634	4527916	13.89%	2.488%
23	18.028	2585	2591	2598	rBV	1483247	2257403	6.93%	1.240%
24	18.128	2605	2608	2618	rVB2	175192	342239	1.05%	0.188%
25	18.433	2649	2660	2692	rBV	14934793	32590853	100.00%	17.908%
26	19.269	2797	2802	2819	rBV	1200005	1887028	5.79%	1.037%
27	19.398	2819	2824	2833	rVV	6448938	6881098	21.11%	3.781%
28	19.674	2866	2871	2875	rBV	13737702	17820001	54.68%	9.792%
29	19.704	2875	2876	2885	rVB	1805290	1651400	5.07%	0.907%
30	20.886	3073	3077	3082	rVV	420702	711949	2.18%	0.391%
31	20.939	3082	3086	3090	rVV3	1394114	2040900	6.26%	1.121%
32	20.986	3090	3094	3103	rVV	1663300	2275933	6.98%	1.251%
33	21.186	3123	3128	3133	rBV	3238738	3941295	12.09%	2.166%
34	21.380	3157	3161	3170	rVB	726625	771340	2.37%	0.424%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

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-BP020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.821	3232	3236	3246	rVB	1261503	1520100	4.66%	0.835%
36	22.298	3312	3317	3324	rBV	1778040	2344348	7.19%	1.288%
37	22.816	3400	3405	3417	rVB	1799170	2814744	8.64%	1.547%
38	23.427	3499	3509	3523	rVB2	2360097	6920006	21.23%	3.802%
39	24.074	3613	3619	3627	rBV	1081022	2139346	6.56%	1.176%
40	24.857	3745	3752	3761	rBV	495239	1132258	3.47%	0.622%

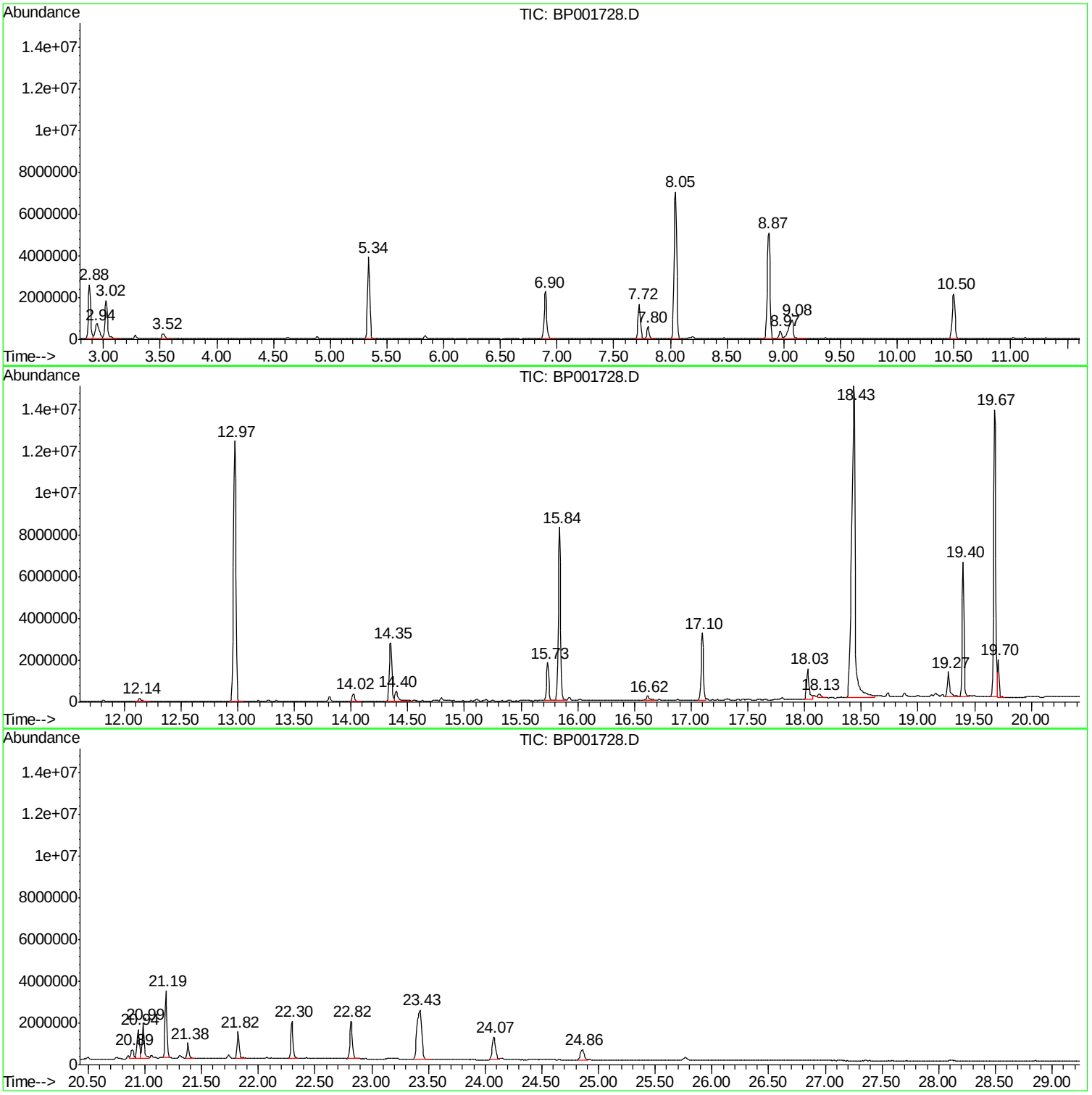
Sum of corrected areas: 181994142

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.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\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

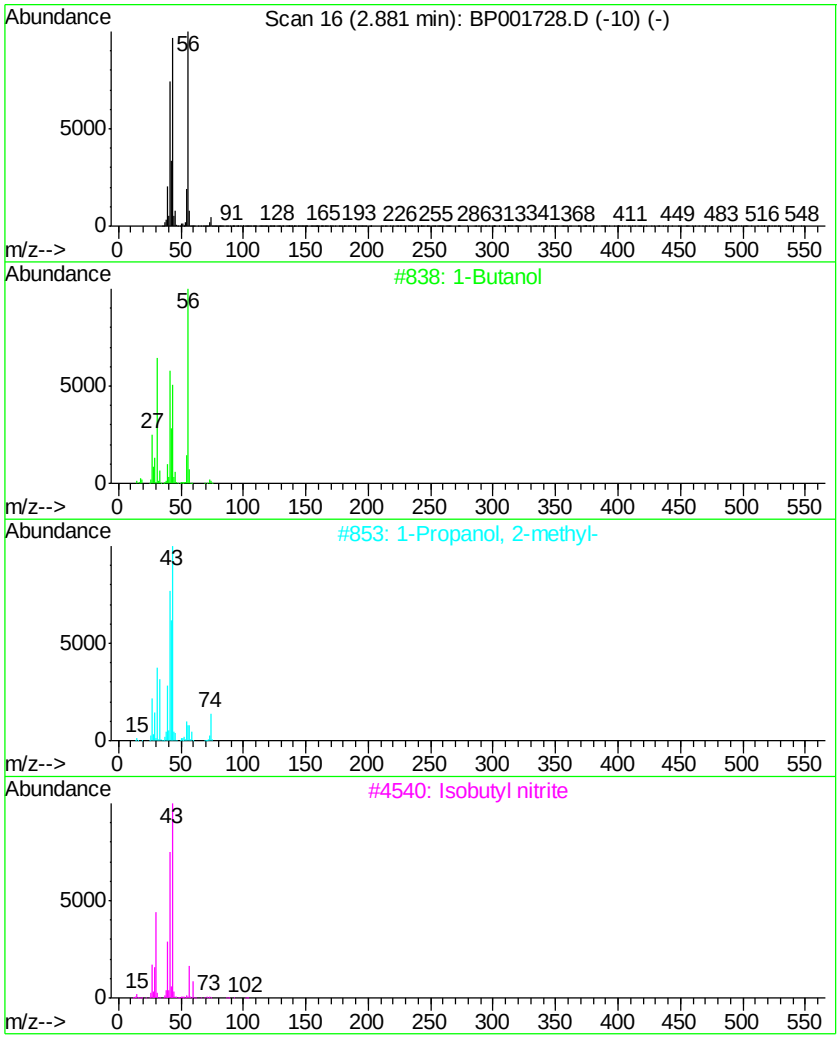
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

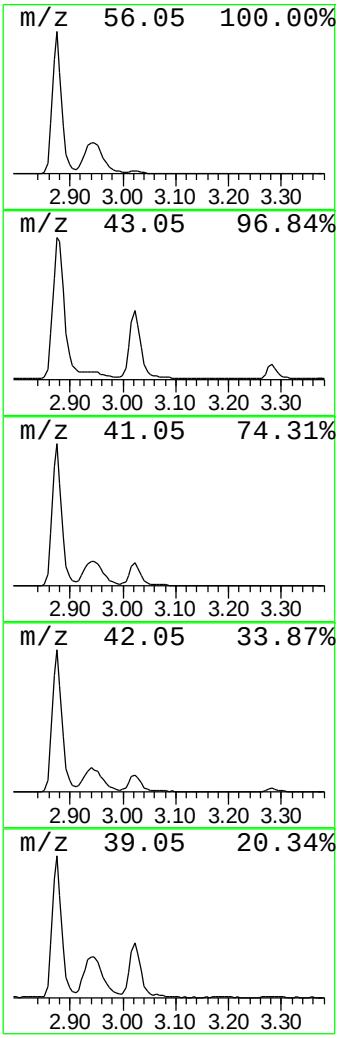
****

Peak Number 1 1-Butanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	25.64 ng	3422840	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	91
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	10
3	Isobutyl nitrite	103	C4H9NO2	000542-56-3	9
4	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
5	Formic acid, butyl ester	102	C5H10O2	000592-84-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

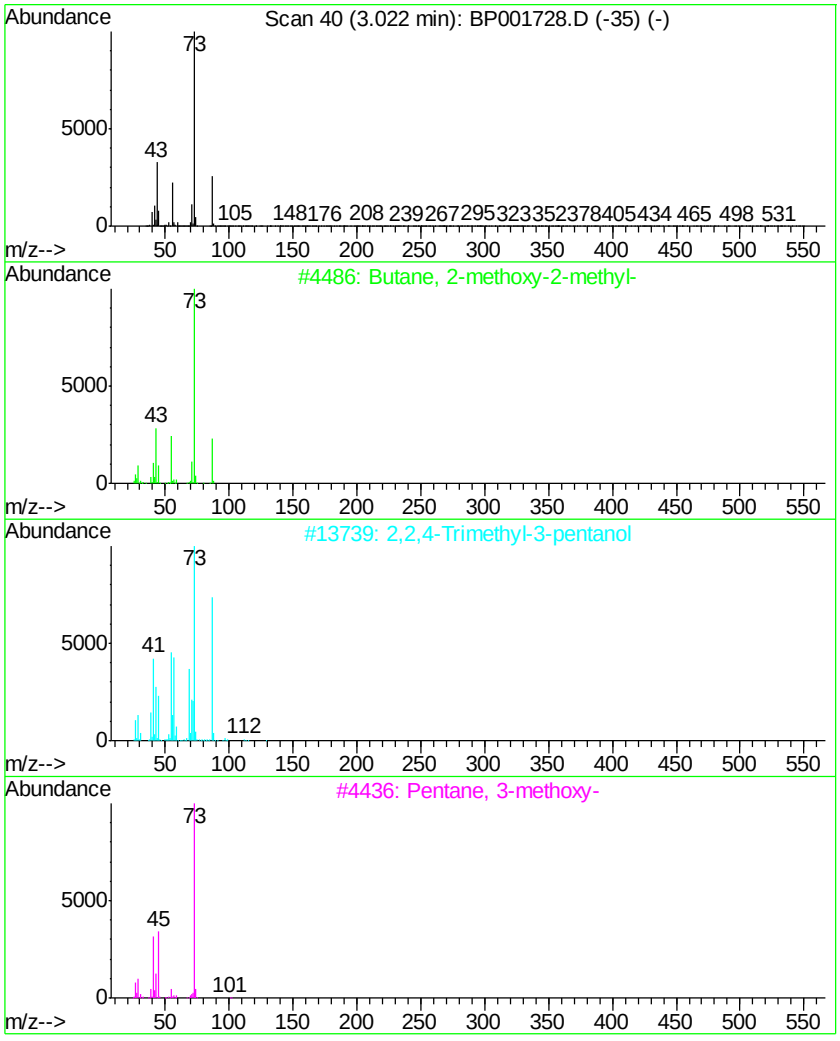
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

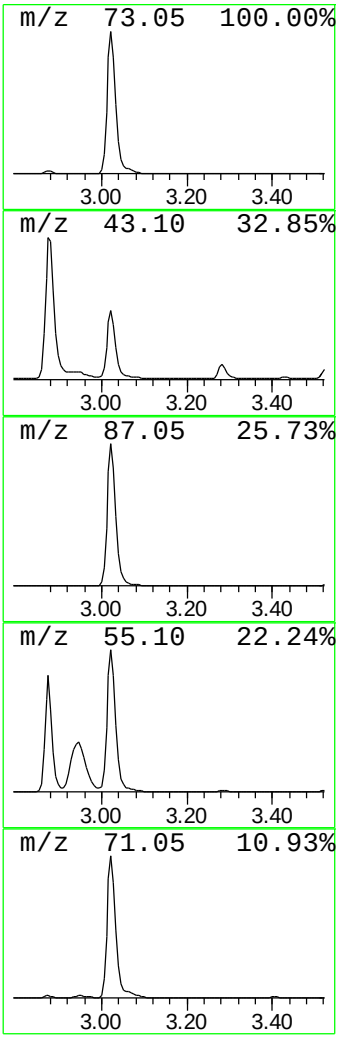
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	21.23 ng	2834240	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

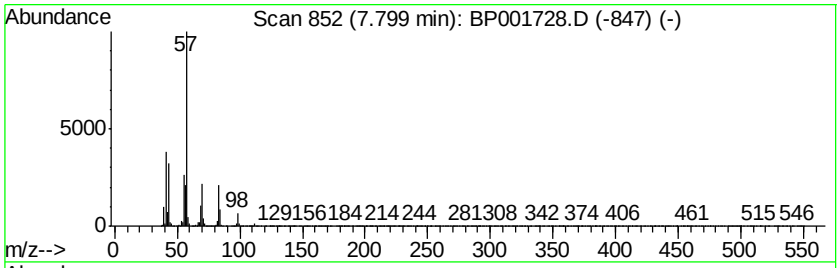
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

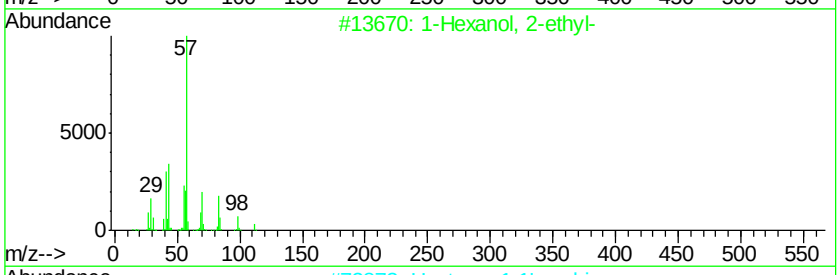
****

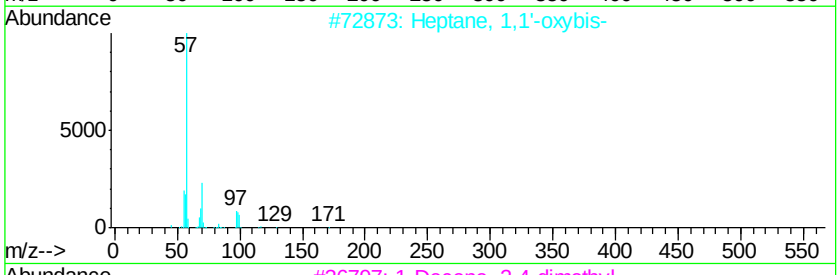
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 16

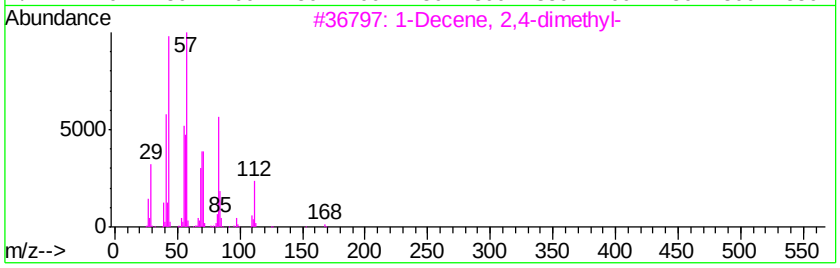
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	6.38 ng	851476	1,4-Dichlorobenzene-d4	7.72

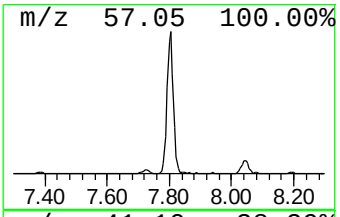
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
3	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50

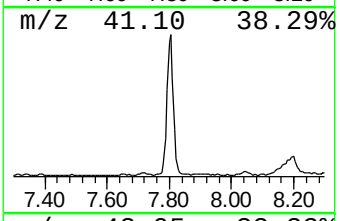


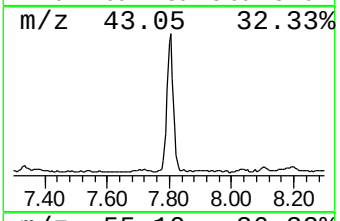


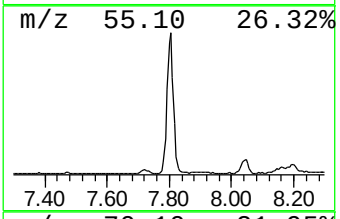


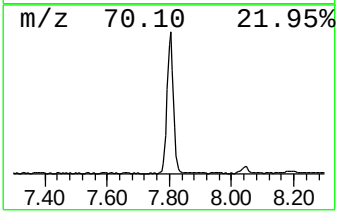












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

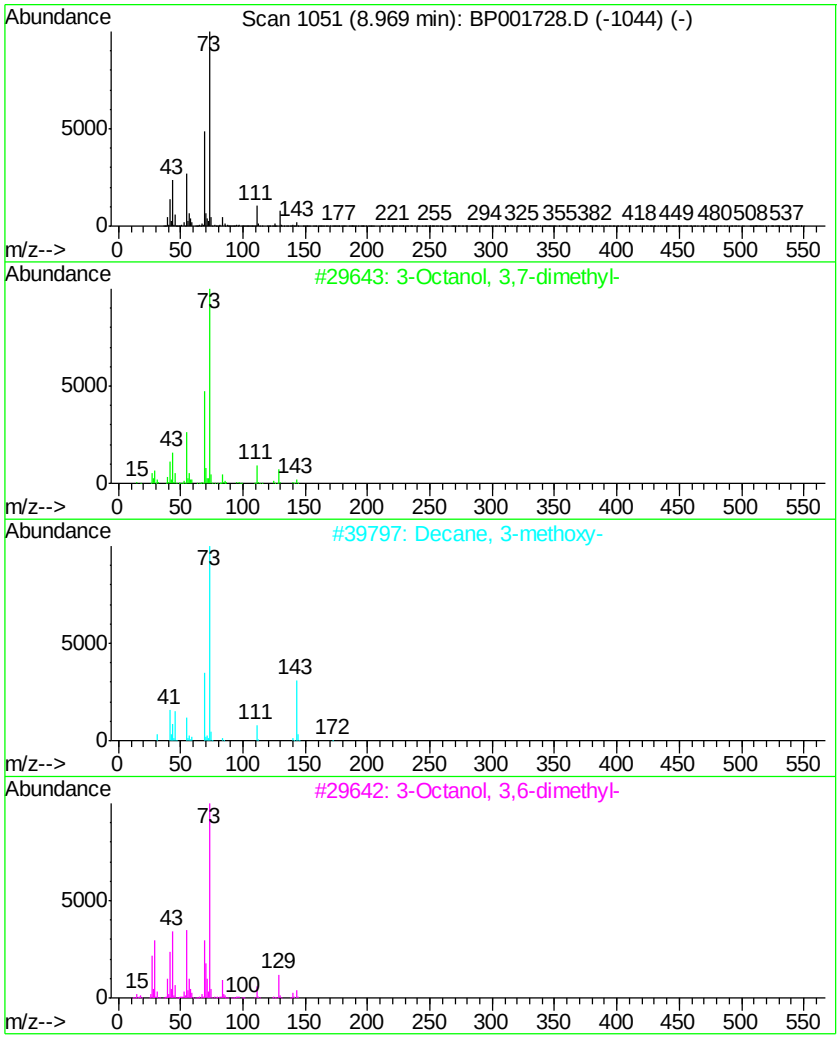
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

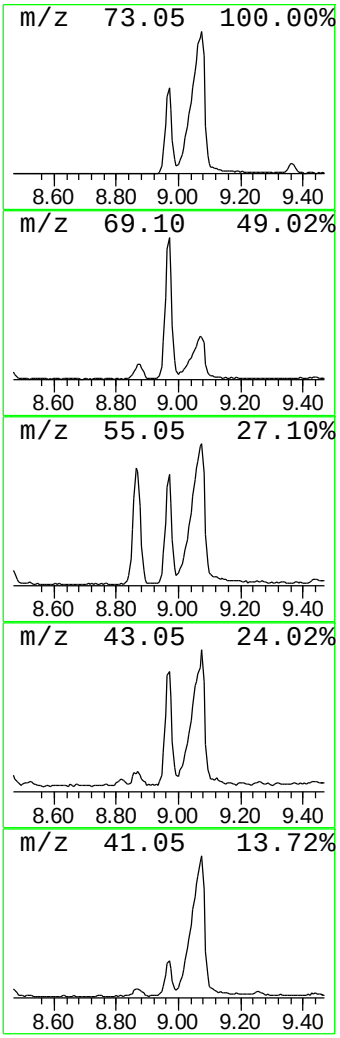
****

Peak Number 6 3-Octanol, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	4.30 ng	573434	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	90
2	Decane, 3-methoxy-	172	C11H24O	055955-64-1	59
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	38
4	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	35
5	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

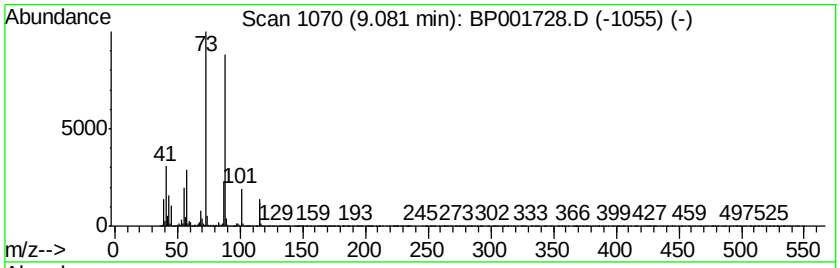
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

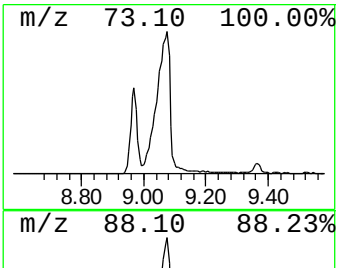
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	20.17 ng	2693390	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	50
4	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	40
5	1,4-Dioxane	88	C4H8O2	000123-91-1	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

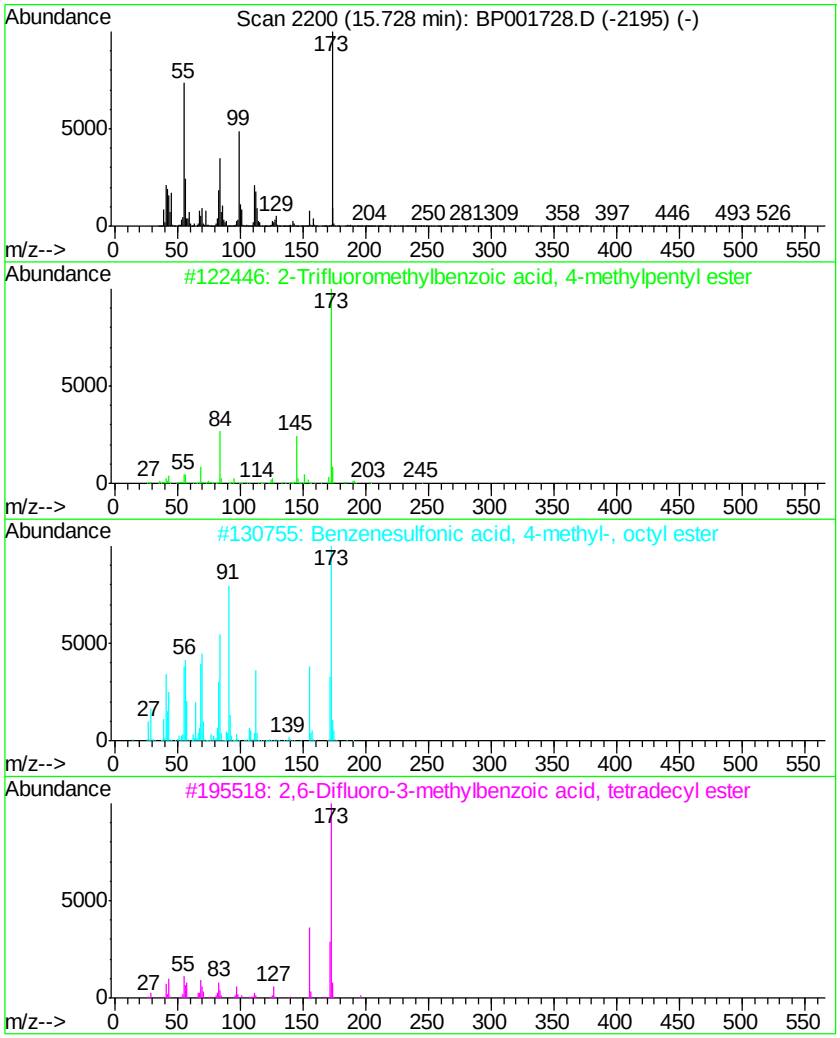
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

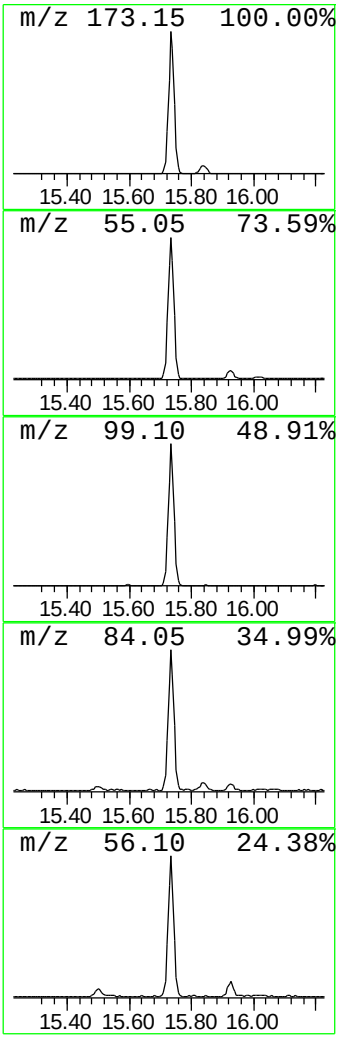
****

Peak Number 8 unknown15.73 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	10.52 ng	2381300	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Trifluoromethylbenzoic acid, 4...	274	C14H17F3O2	1000282-28-8	23
2	Benzenesulfonic acid, 4-methyl-,...	284	C15H24O3S	003386-35-4	13
3	2,6-Difluoro-3-methylbenzoic aci...	368	C22H34F2O2	1000338-85-1	13
4	Phenylamine, 2-(5-methyl-2H-pyra...	173	C10H11N3	1000309-95-3	12
5	1H-Tetrazole-5-acetic acid, ethy...	156	C5H8N4O2	013616-37-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

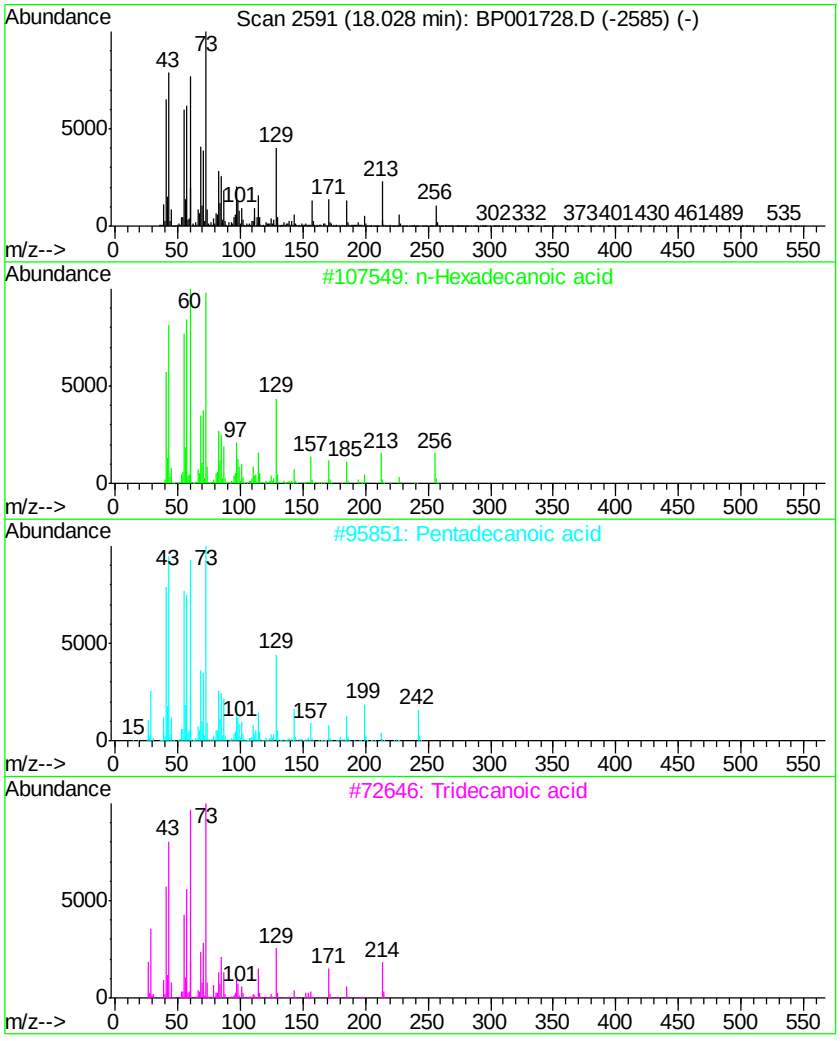
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

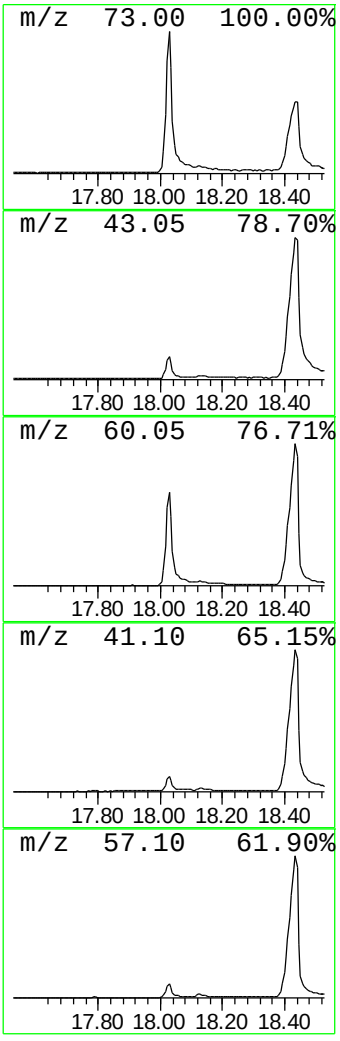
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	9.97 ng	2257400	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

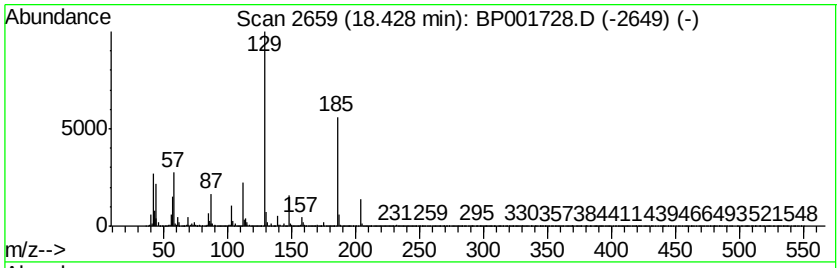
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

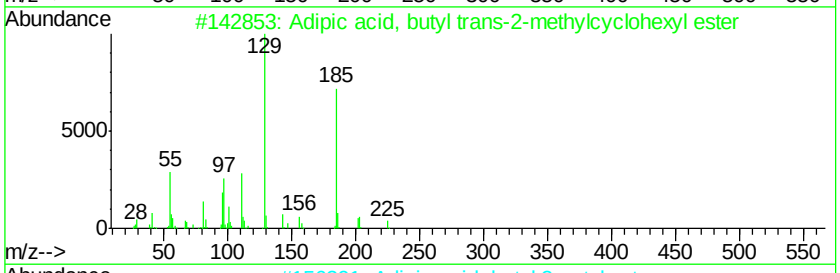
****

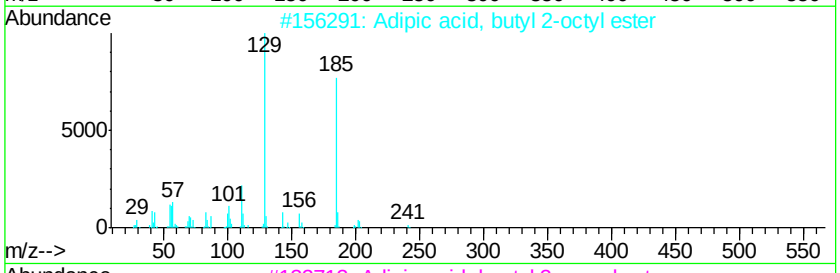
Peak Number 10 Adipic acid, butyl trans-2-... Concentration Rank 1

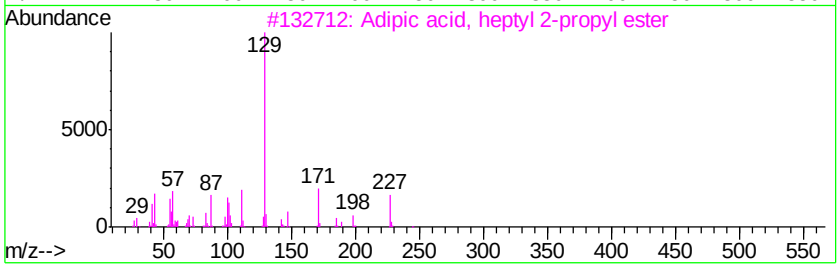
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	143.96 ng	32590900	Phenanthrene-d10	17.10

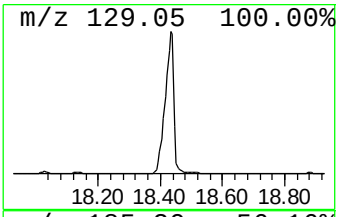
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, butyl trans-2-methy...	298	C17H30O4	1000324-74-6	53
2	Adipic acid, butyl 2-octyl ester	314	C18H34O4	1000324-44-6	50
3	Adipic acid, heptyl 2-propyl ester	286	C16H30O4	1000324-43-4	50
4	Adipic acid, butyl 2-decyl ester	342	C20H38O4	1000353-59-7	50
5	Adipic acid, isobutyl 2-pentyl e...	272	C15H28O4	1000324-15-6	50

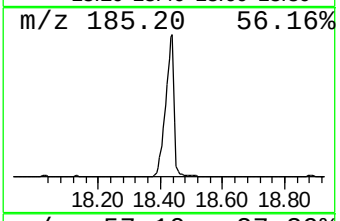


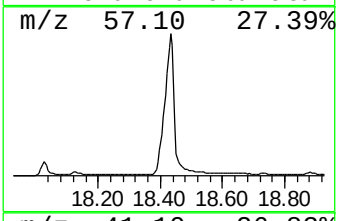


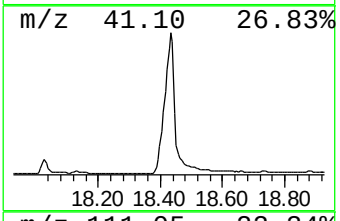


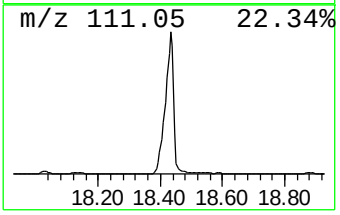












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

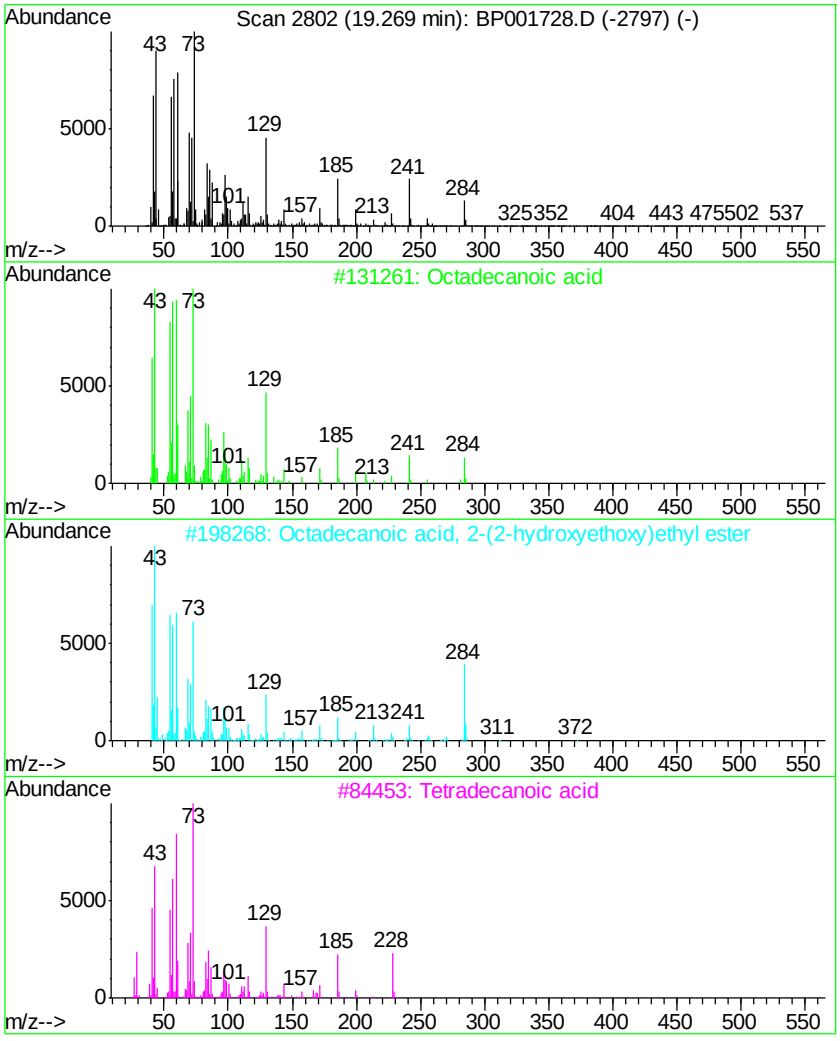
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

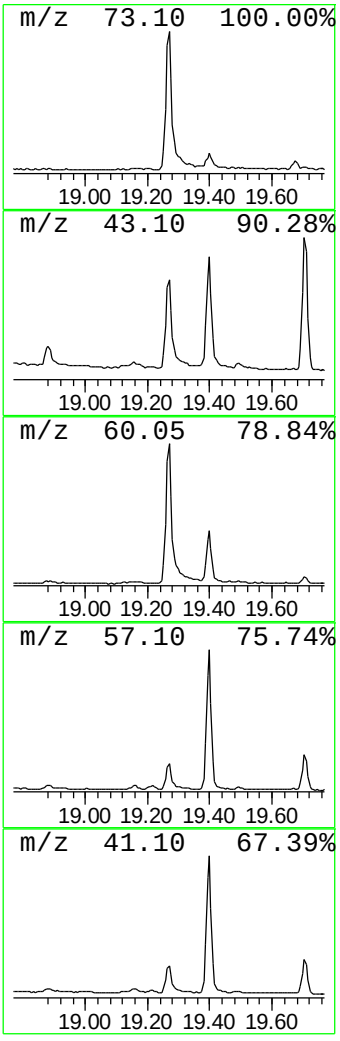
****

Peak Number 11 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	9.58 ng	1887030	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

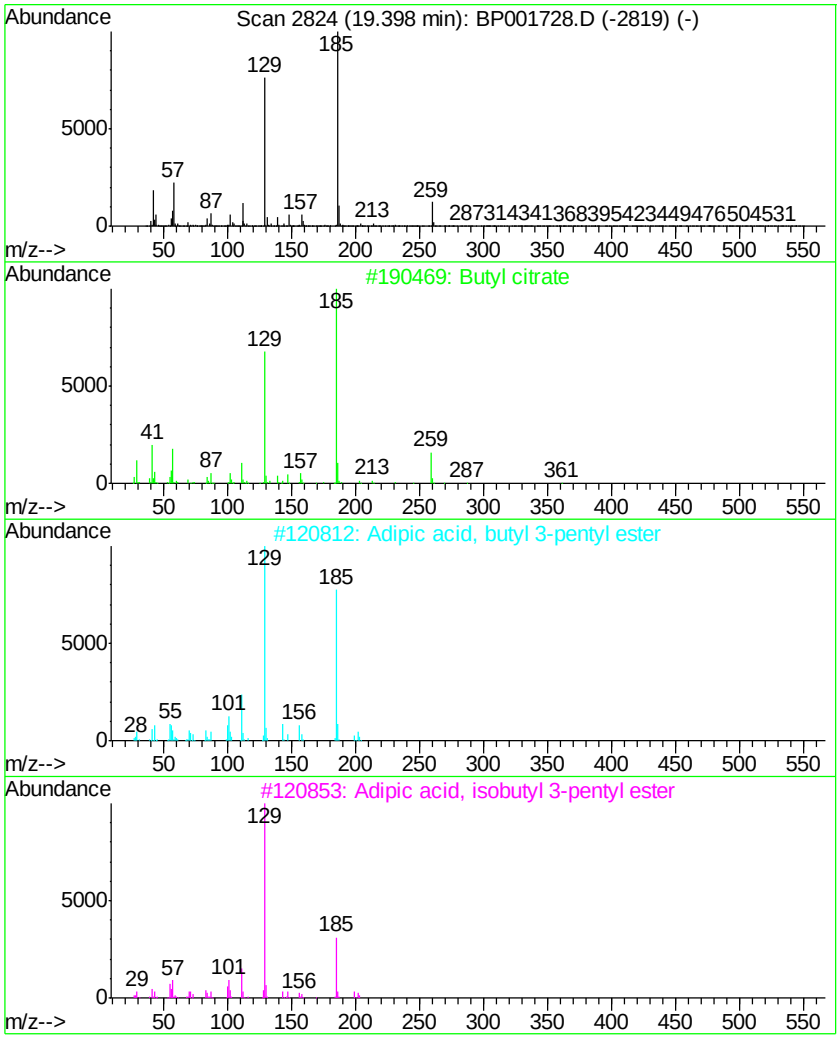
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

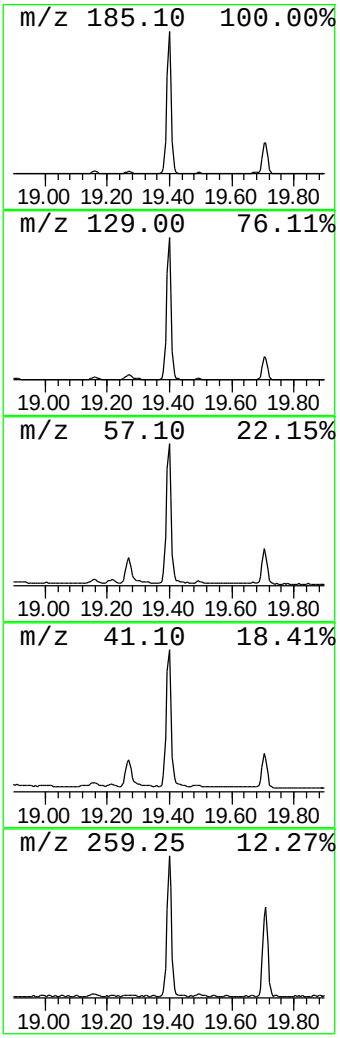
****

Peak Number 12 Butyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	34.92 ng	6881100	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	72
3	Adipic acid, isobutyl 3-pentyl e...	272	C15H28O4	1000324-60-4	64
4	Adipic acid, isobutyl 2-propyl e...	244	C13H24O4	1000324-42-9	50
5	Adipic acid, 4-heptyl isobutyl e...	300	C17H32O4	1000349-73-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

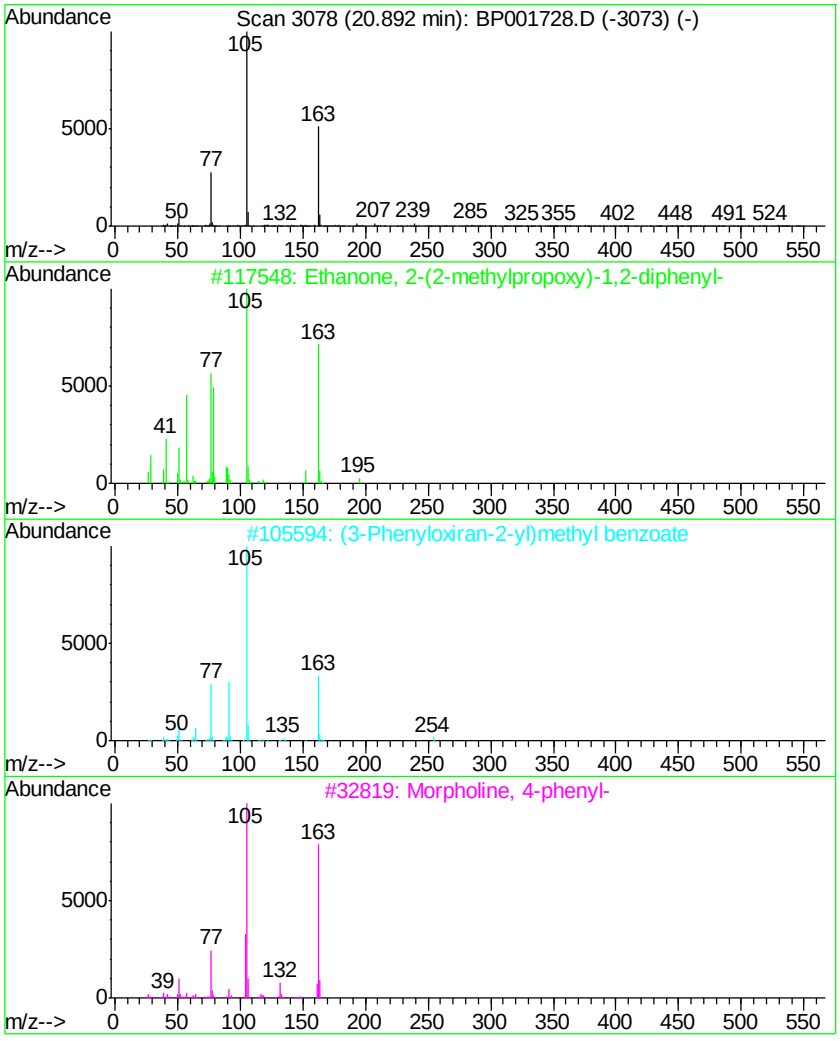
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

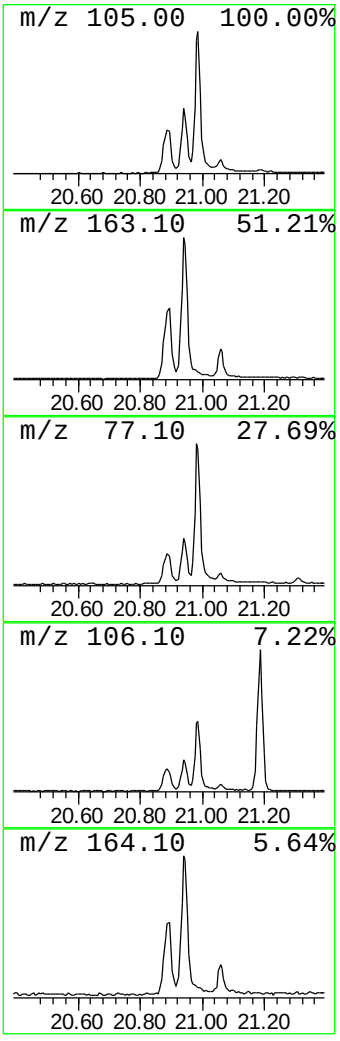
****

Peak Number 13 Ethanone, 2-(2-methylpropox... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.61 ng	711949	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-(2-methylpropoxy)-1,...	268	C18H20O2	022499-12-3	72
2	(3-Phenyloxiran-2-yl)methyl benz...	254	C16H14O3	1000366-96-1	56
3	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	53
4	Benzamide, N-acetyl-	163	C9H9NO2	001575-95-7	9
5	1-Benzoyl-2-trichloroacetylhydra...	280	C9H7Cl3N2O2	090273-66-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

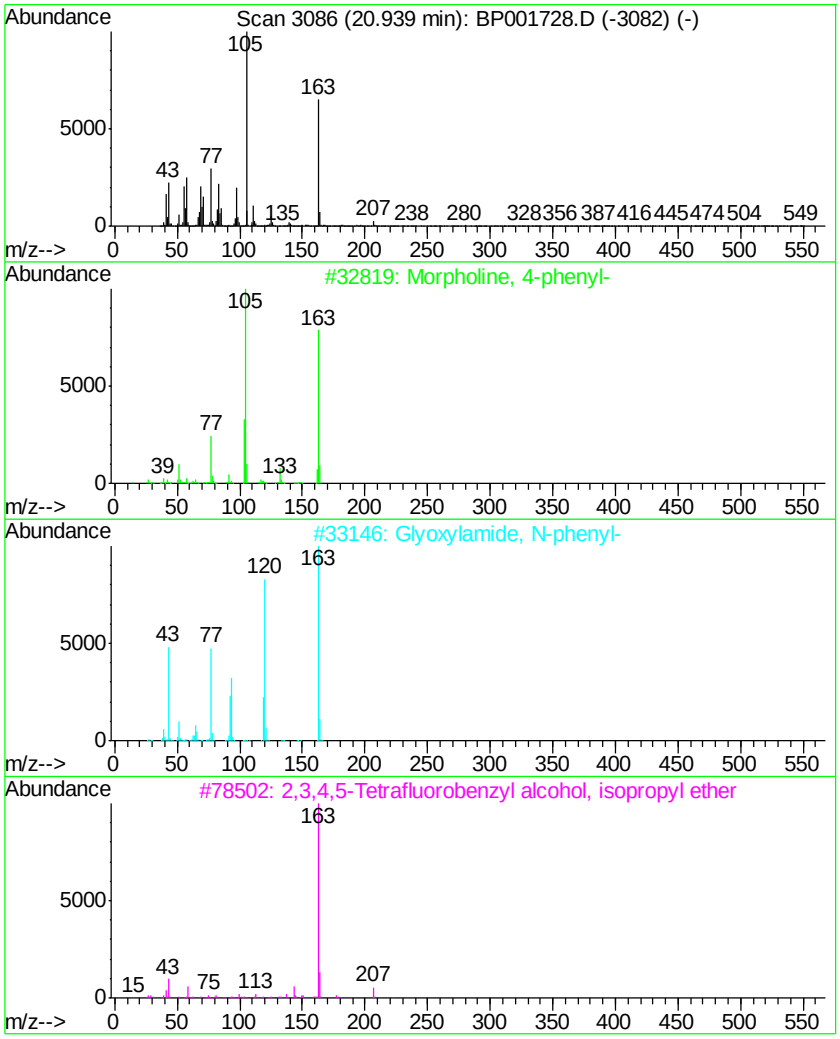
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

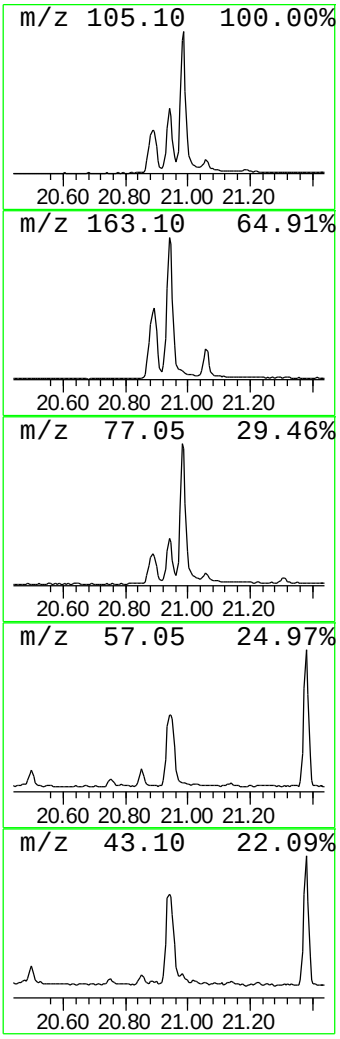
****

Peak Number 14 unknown20.94 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	10.36 ng	2040900	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	35
2	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	27
3	2,3,4,5-Tetrafluorobenzyl alcoho...	222	C10H10F4O	1000375-29-8	14
4	Phthalic acid, 3,4-dimethylphenyl...	284	C17H16O4	1000315-69-7	10
5	Phthalic acid, methyl non-5-yn-3...	302	C18H22O4	1000315-74-7	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

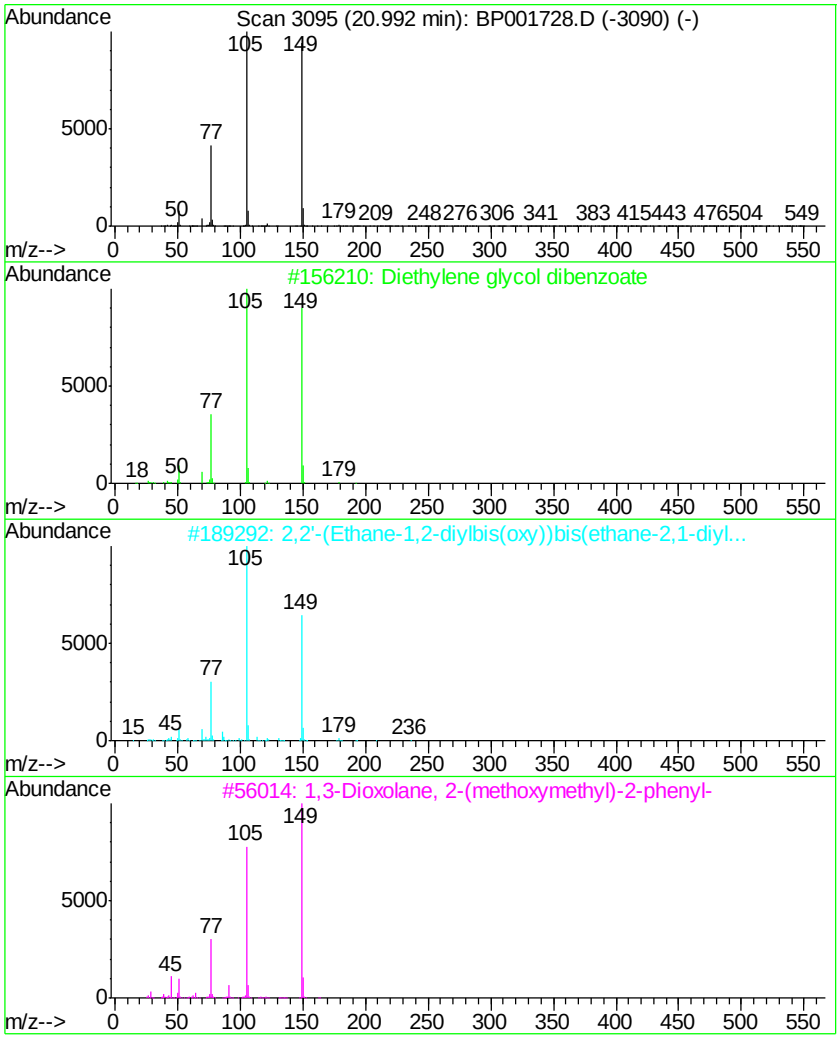
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

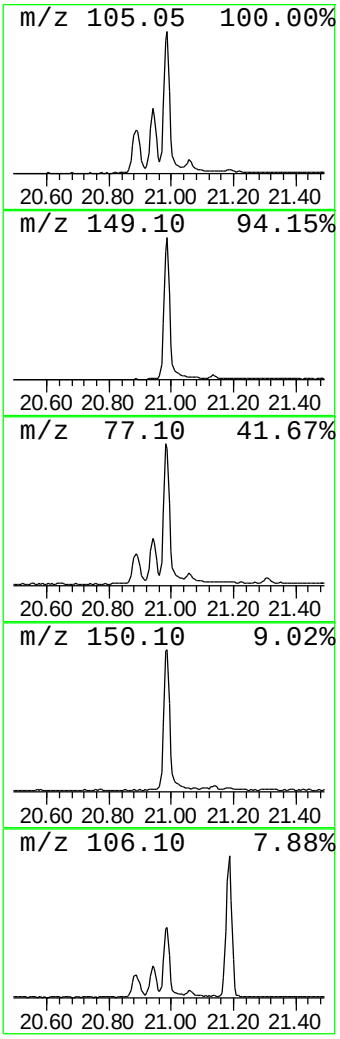
****

Peak Number 15 Diethylene glycol dibenzoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	11.55 ng	2275930	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
3	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	74
4	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
5	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

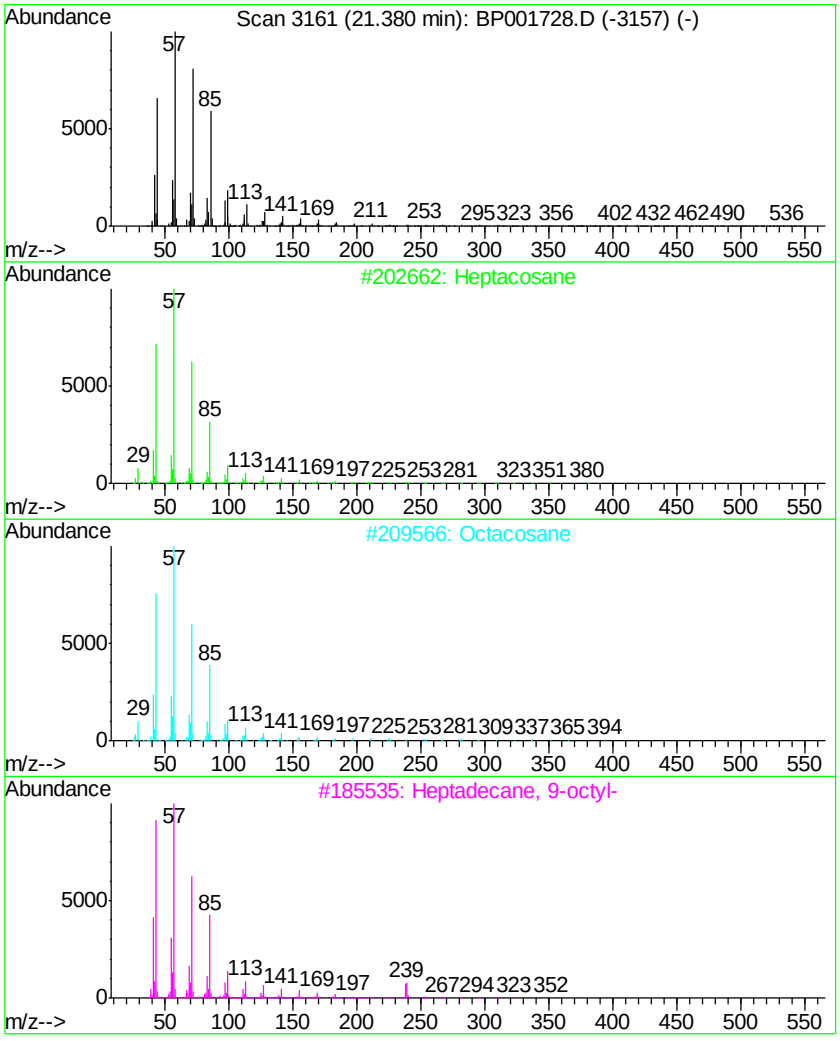
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

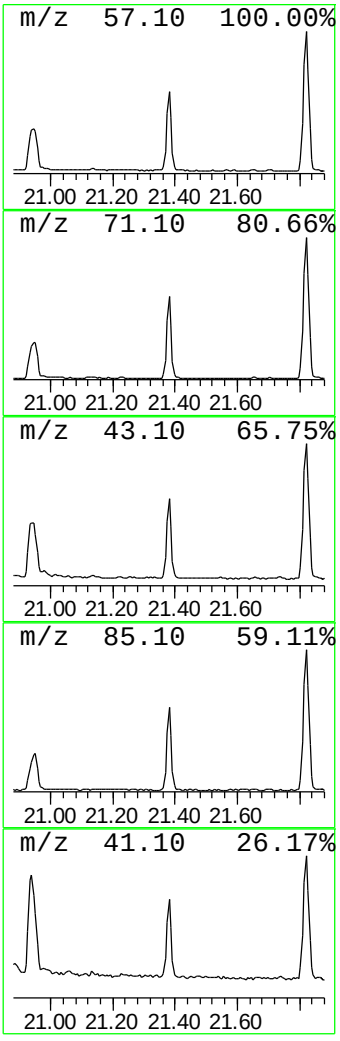
****

Peak Number 16 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	3.91 ng	771340	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Octacosane	394	C28H58	000630-02-4	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
5	Hentriacontane	437	C31H64	000630-04-6	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

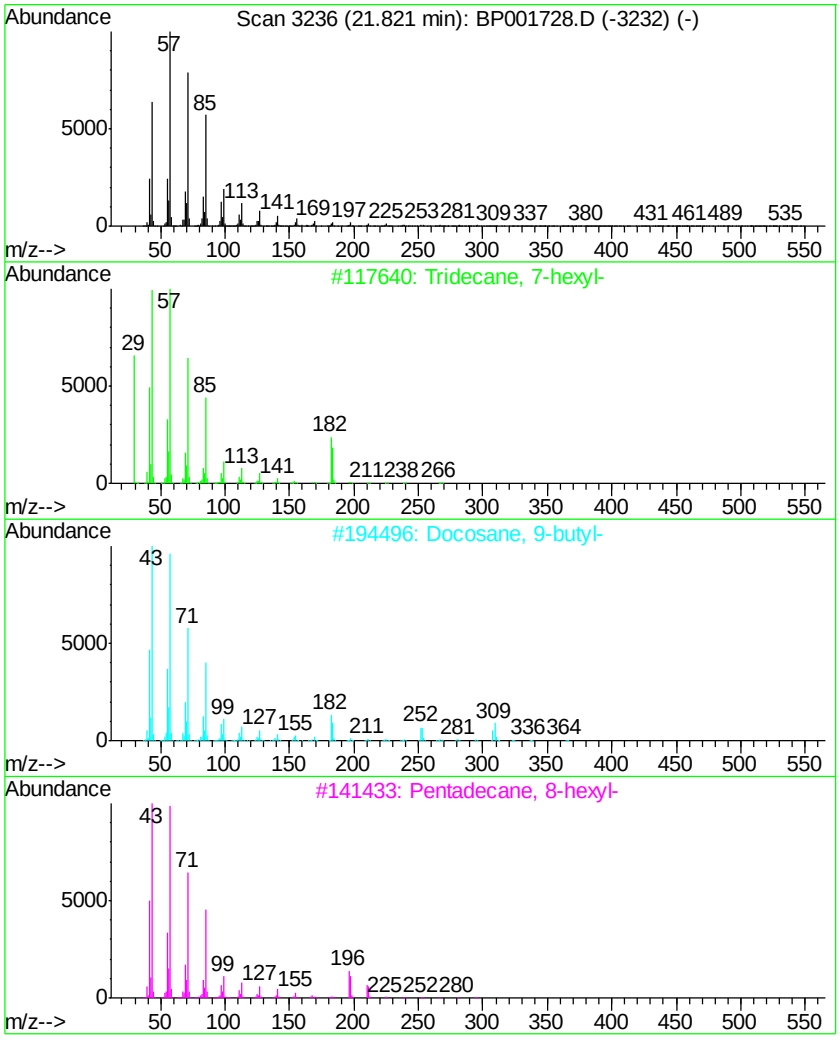
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

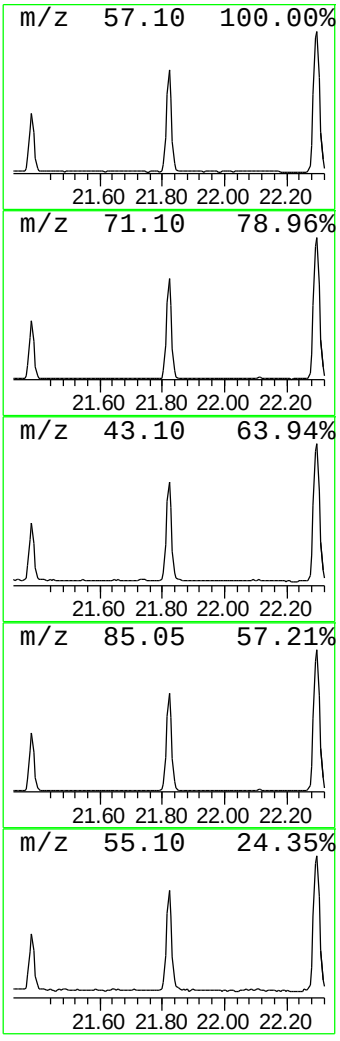
****

Peak Number 17 Tridecane, 7-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	7.71 ng	1520100	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

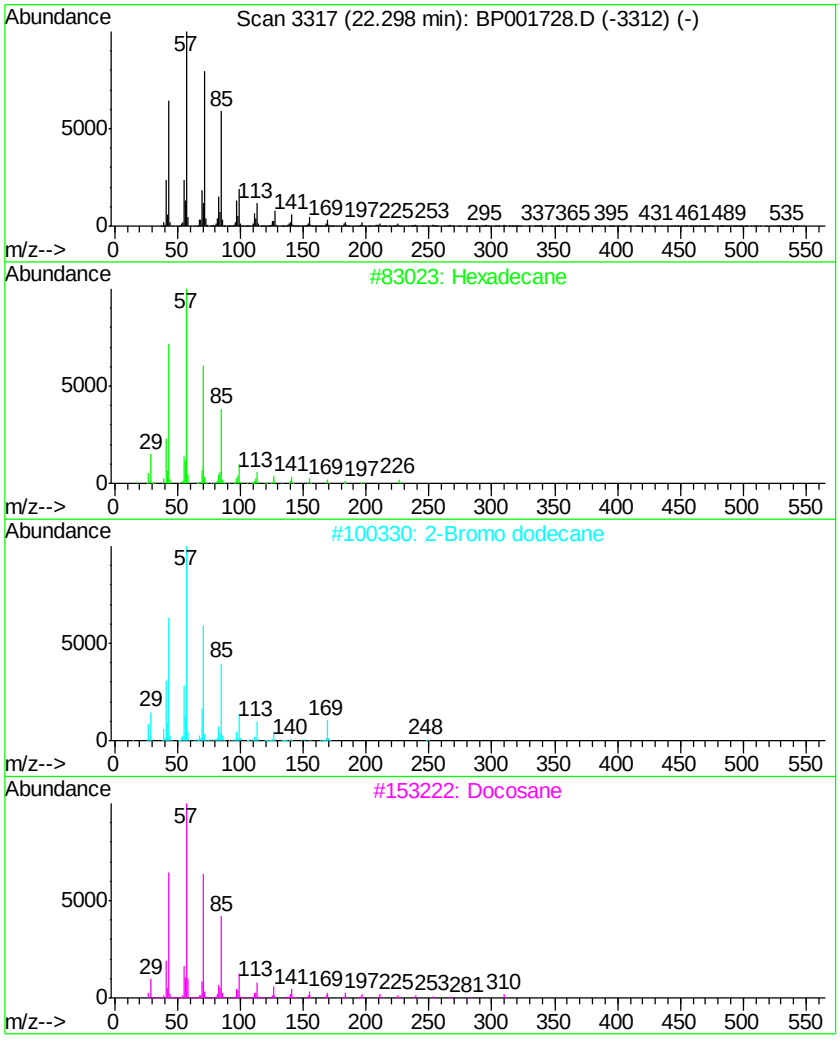
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

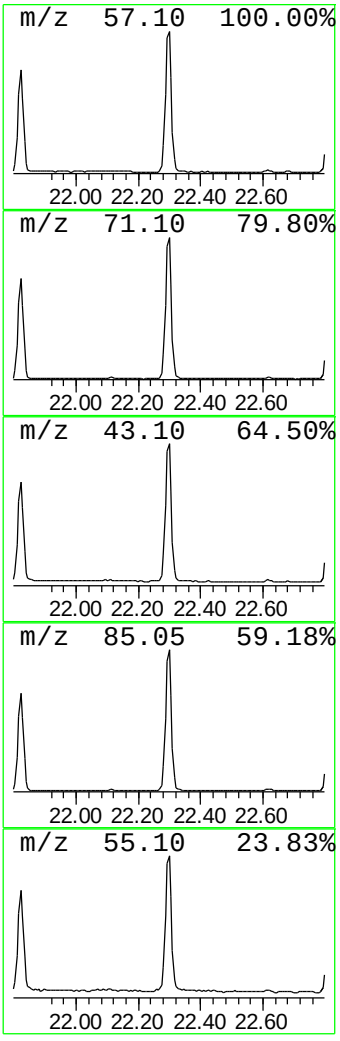
****

Peak Number 18 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	11.90 ng	2344350	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	95
3	Docosane	310	C22H46	000629-97-0	94
4	Hexacosane	366	C26H54	000630-01-3	94
5	Triacontane	422	C30H62	000638-68-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

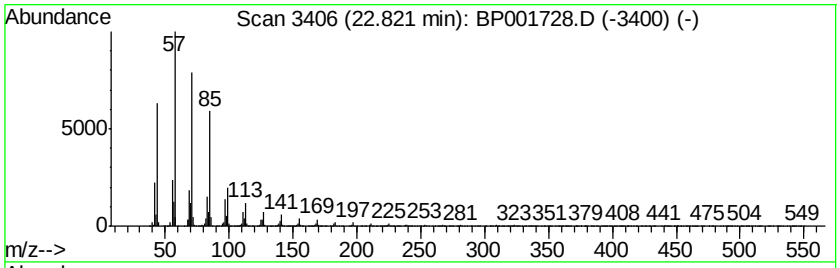
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

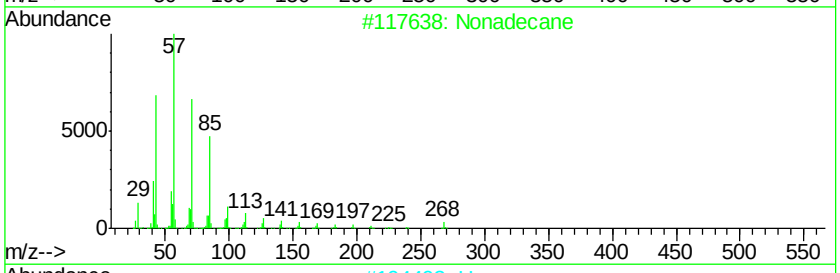
****

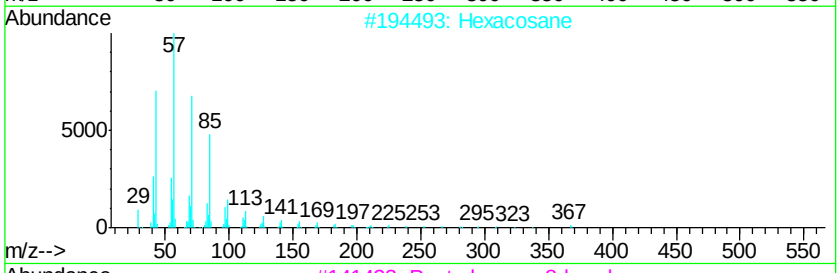
Peak Number 19 Nonadecane Concentration Rank 14

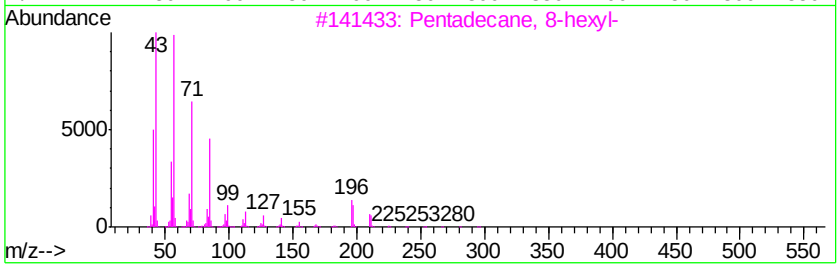
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	8.14 ng	2814740	Perylene-d12	23.43

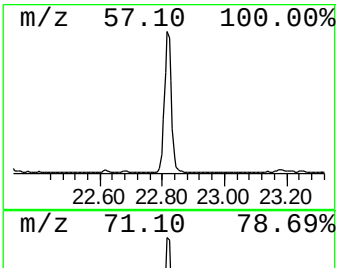
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Hexadecane	226	C16H34	000544-76-3	93

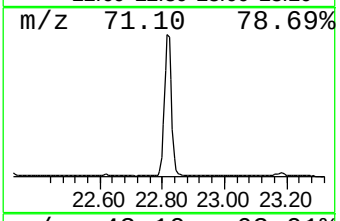


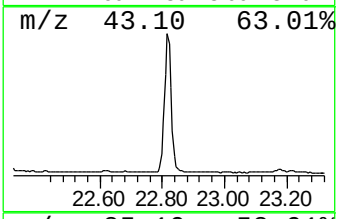


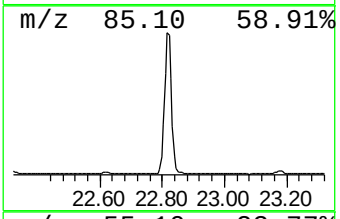


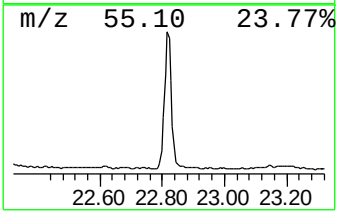












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

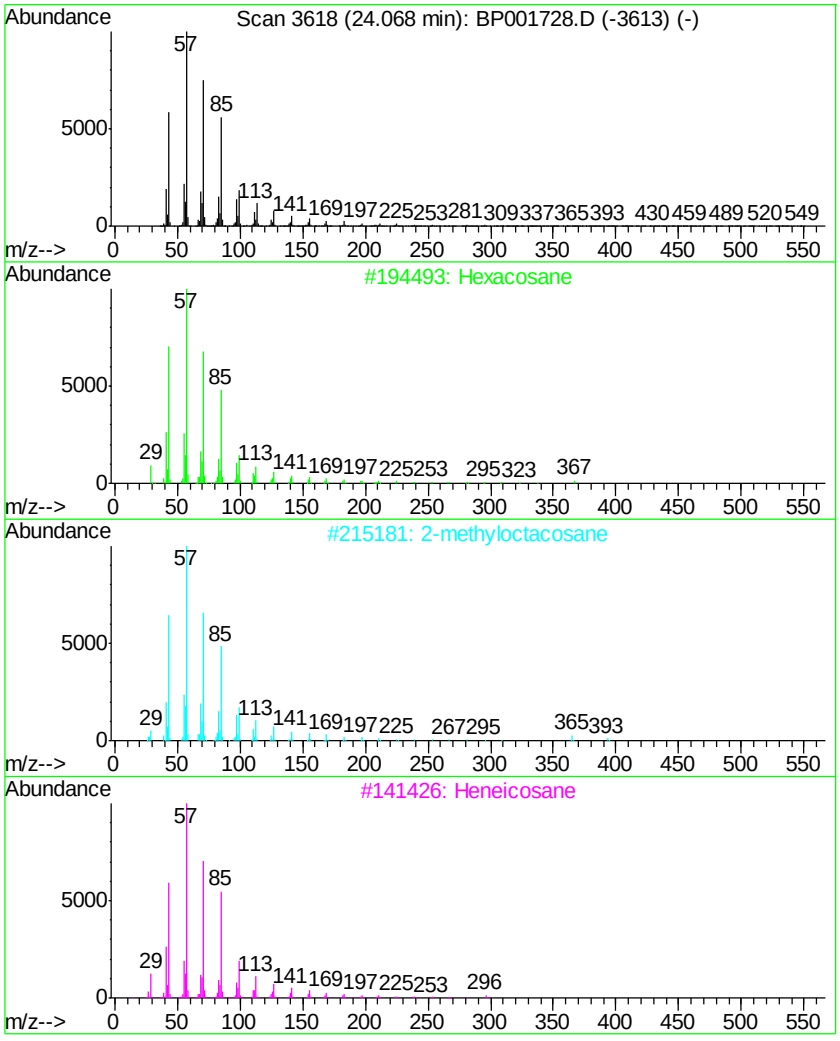
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

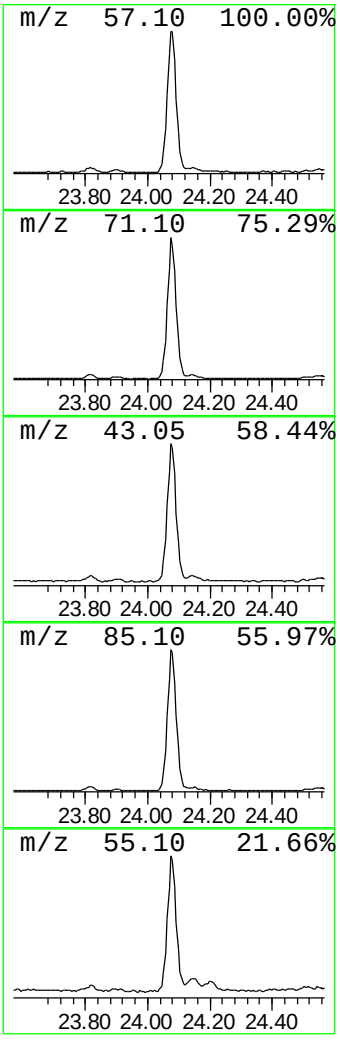
****

Peak Number 20 2-methyloctacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	6.18 ng	2139350	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP020720\
Data File : BP001728.D
Acq On : 07 Feb 2020 19:29
Operator : CG/JU
Sample : L1437-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP020320.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
1-Butanol	2.88	25.6	ng	3422840	1	7.72	2670220	20.0
Butane, 2-methoxy...	3.02	21.2	ng	2834240	1	7.72	2670220	20.0
1-Hexanol, 2-ethyl-	7.80	6.4	ng	851476	1	7.72	2670220	20.0
3-Octanol, 3,7-di...	8.97	4.3	ng	573434	1	7.72	2670220	20.0
Hexanoic acid, 2-...	9.08	20.2	ng	2693390	1	7.72	2670220	20.0
unknown15.73	15.73	10.5	ng	2381300	4	17.10	4527920	20.0
n-Hexadecanoic acid	18.03	10.0	ng	2257400	4	17.10	4527920	20.0
Adipic acid, buty...	18.43	144.0	ng	32590900	4	17.10	4527920	20.0
Octadecanoic acid	19.27	9.6	ng	1887030	5	21.19	3941300	20.0
Butyl citrate	19.40	34.9	ng	6881100	5	21.19	3941300	20.0
Ethanone, 2-(2-me...	20.89	3.6	ng	711949	5	21.19	3941300	20.0
unknown20.94	20.94	10.4	ng	2040900	5	21.19	3941300	20.0
Diethylene glycol...	20.99	11.6	ng	2275930	5	21.19	3941300	20.0
Heptacosane	21.38	3.9	ng	771340	5	21.19	3941300	20.0
Tridecane, 7-hexyl-	21.82	7.7	ng	1520100	5	21.19	3941300	20.0
Hexadecane	22.30	11.9	ng	2344350	5	21.19	3941300	20.0
Nonadecane	22.82	8.1	ng	2814740	6	23.43	6920010	20.0
2-methyloctacosane	24.07	6.2	ng	2139350	6	23.43	6920010	20.0