LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002464.D
Acq On : 19 Jun 2020 18:17
Operator : CG/JU
Sample : L3051-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SLUDGE-BOX

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-BP060520.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	5.205	386	394	412	rBV	2798906	4126609	58.32%	8.481%
2	6.775	653	661	676	rBV	2746841	4402316	62.22%	9.048%
3	7.193	727	732	747	rBV	121963	213939	3.02%	0.440%
4	7.587	792	799	807	rBV	842353	1334892	18.87%	2.743%
5	7.905	843	853	863	rBV	2399716	3859146	54.54%	7.931%
6	8.728	985	993	1008	rBV	1905796	3131569	44.26%	6.436%
7	10.358	1261	1270	1284	rBV	1116703	1862755	26.33%	3.828%
8	12.851	1687	1694	1712	rBV	4211447	6501568	91.89%	13.362%
9	13.693	1828	1837	1845	rBV	553915	870145	12.30%	1.788%
10	14.075	1898	1902	1911	rVB4	124152	206962	2.93%	0.425%
11	14.234	1922	1929	1936	rBV	1605382	2456592	34.72%	5.049%
12	15.040	2062	2066	2074	rBV2	141920	225910	3.19%	0.464%
13	15.734	2178	2184	2193	rBV	2846765	4299639	60.77%	8.837%
14	16.028	2230	2234	2239	rVB	248461	347892	4.92%	0.715%
15	16.851	2371	2374	2380	rVB	285321	405528	5.73%	0.833%
16	16.992	2393	2398	2403	rBV	1670630	2364811	33.42%	4.860%
17	19.581	2833	2838	2848	rVB	5528396	7075526	100.00%	14.542%
18	20.839	3048	3052	3058	rBV	311078	389959	5.51%	0.801%
19	21.092	3090	3095	3104	rVB	1752638	2172979	30.71%	4.466%
20	23.292	3462	3469	3483	rVB2	1127919	2107857	29.79%	4.332%
21	24.316	3638	3643	3651	rBV7	131993	300840	4.25%	0.618%

Sum of corrected areas: 48657434

LSC Report - Integrated Chromatogram

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Misc :
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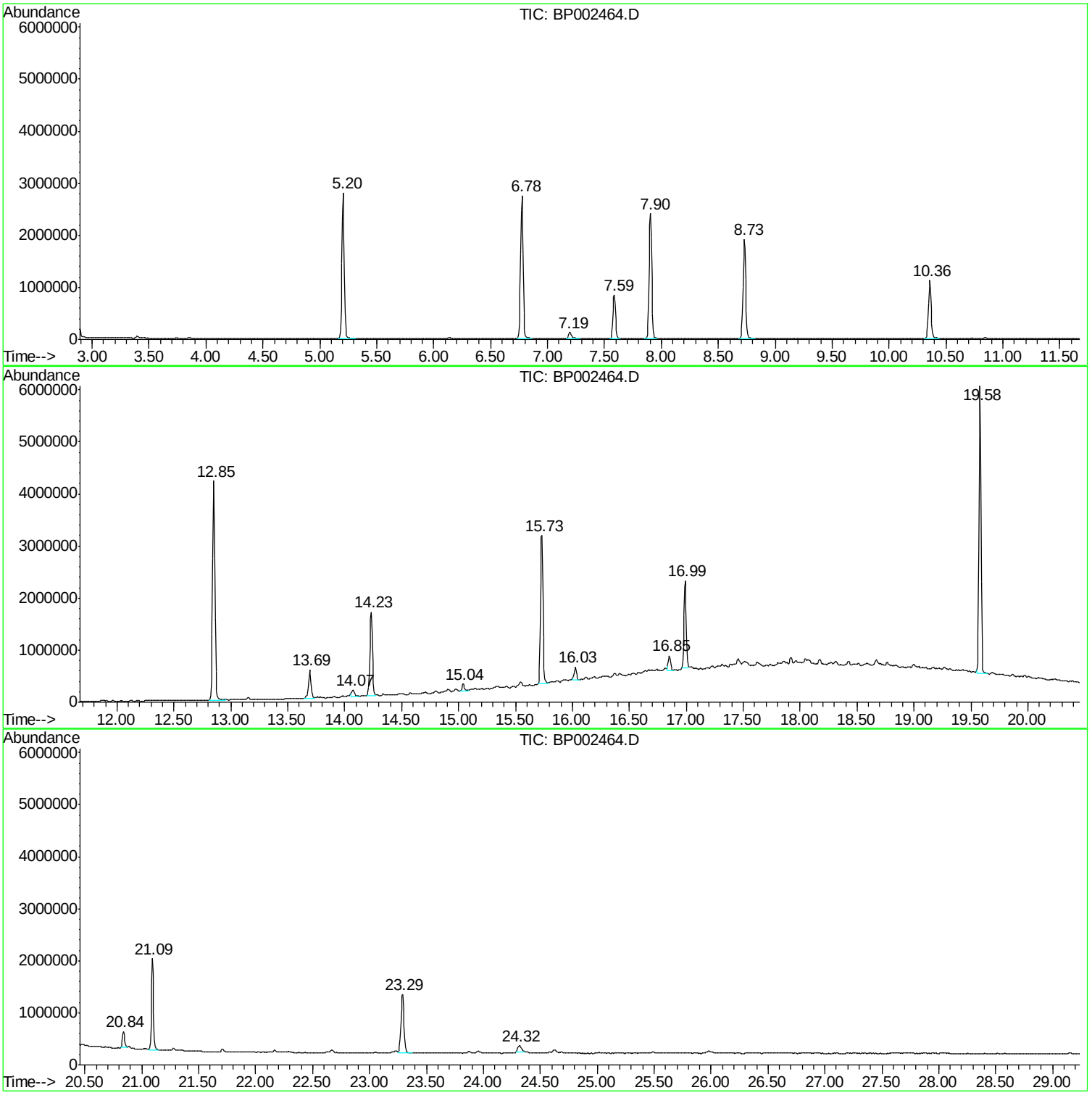
Instrument : BNA_P
ClientSampleId : SLUDGE-BOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.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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Data File : BP002464.D
Acq On : 19 Jun 2020 18:17
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Sample : L3051-01
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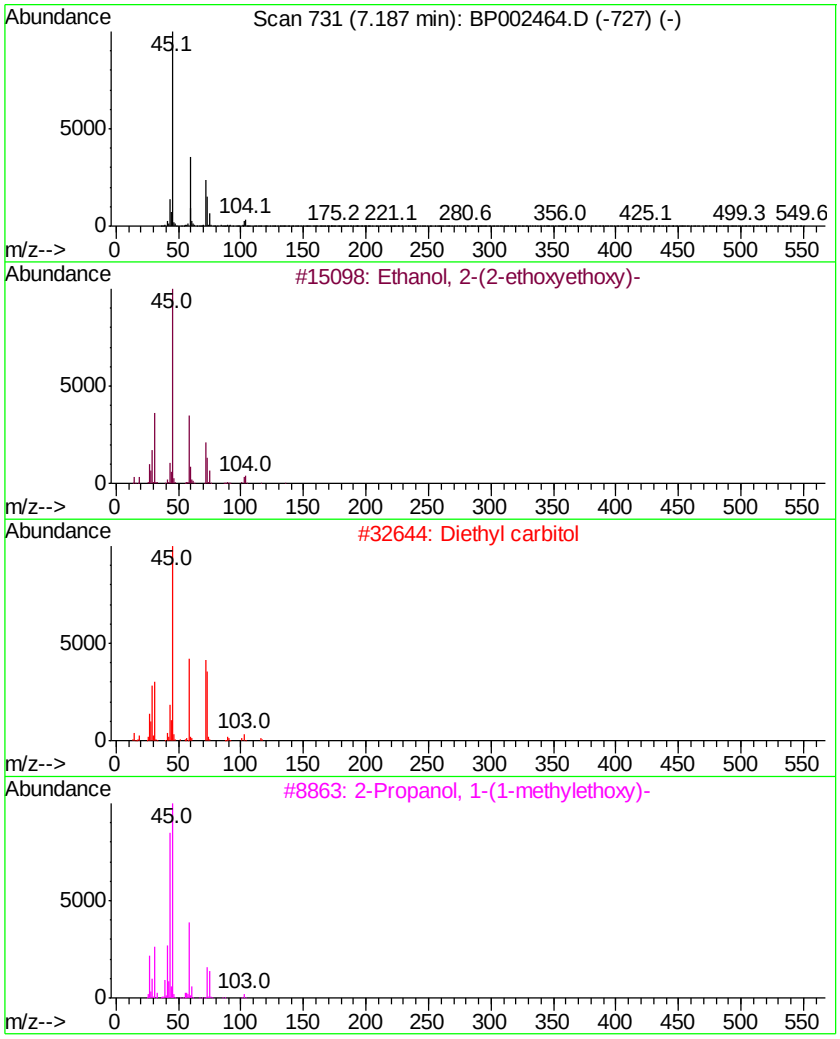
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

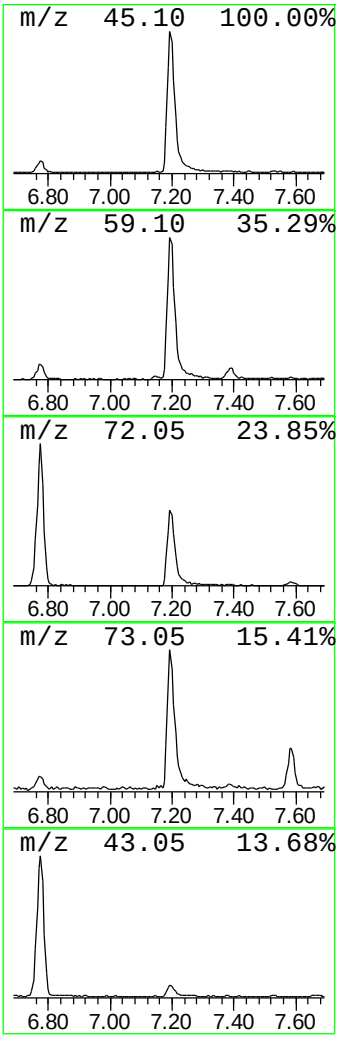
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	3.21 ng	213939	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002464.D
Acq On : 19 Jun 2020 18:17
Operator : CG/JU
Sample : L3051-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SLUDGE-BOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

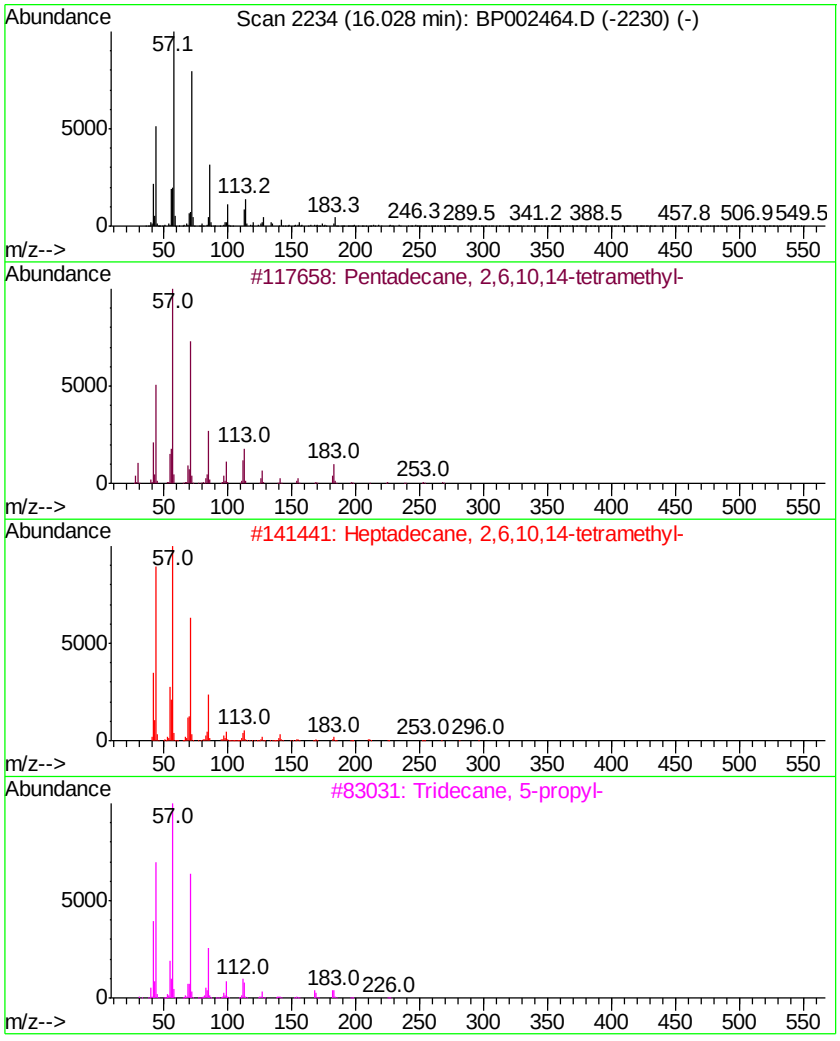
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

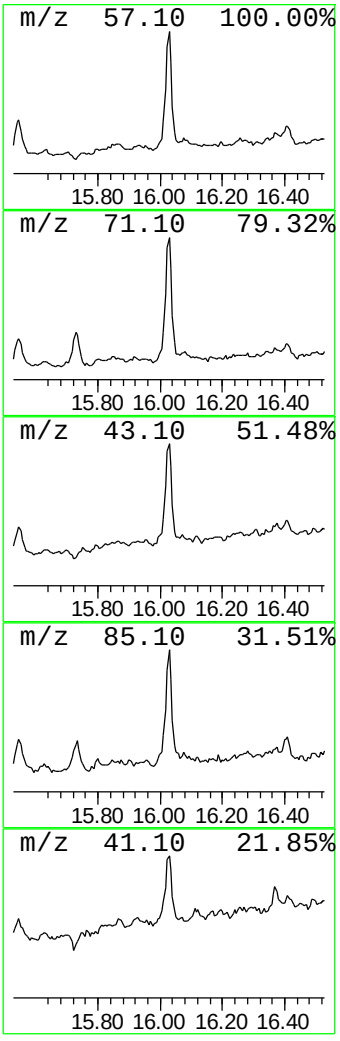
****

Peak Number 3 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.94 ng	347892	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SLUDGE-BOX

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

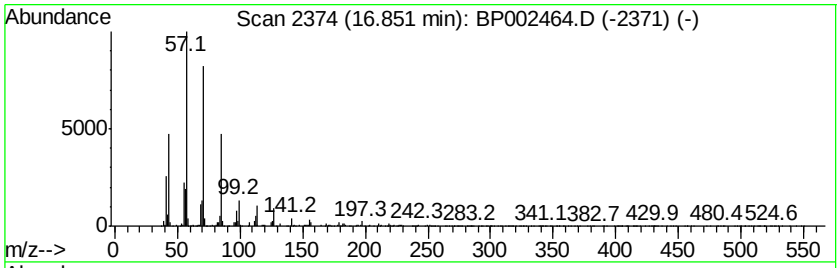
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

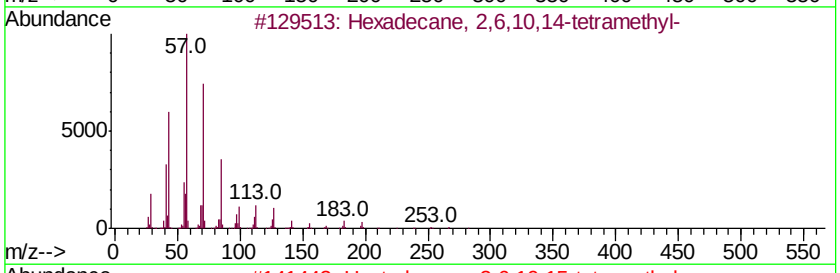
****

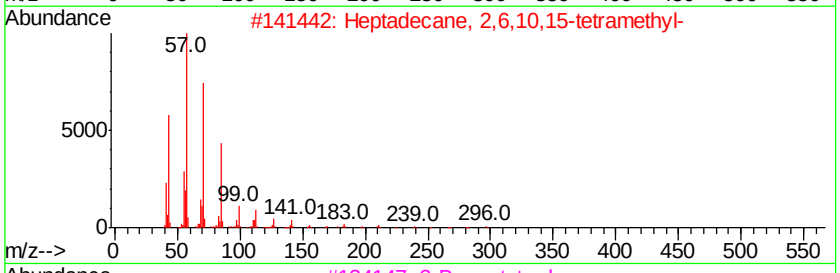
Peak Number 4 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

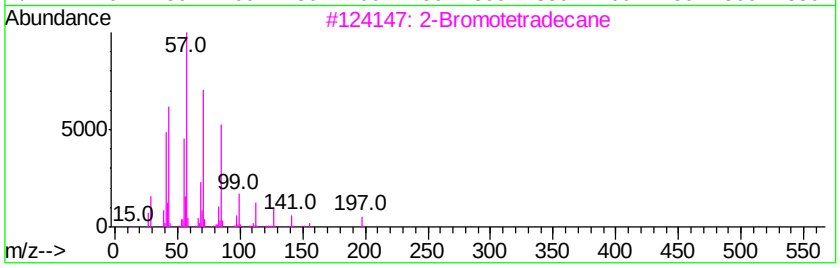
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	3.43 ng	405528	Phenanthrene-d10	16.99

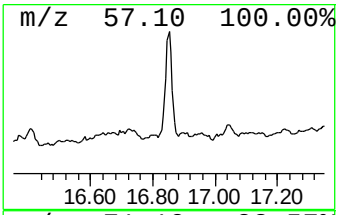
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
4	Decane, 3-methyl-	156	C11H24	013151-34-3	72
5	Heptacosane	380	C27H56	000593-49-7	72

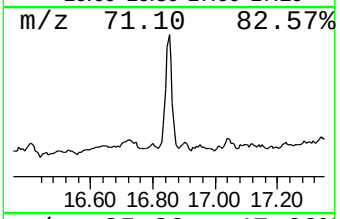


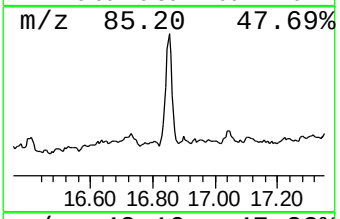


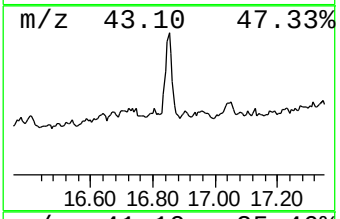


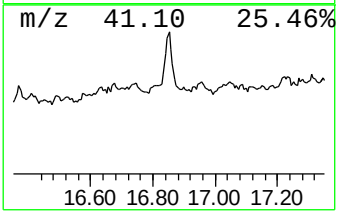












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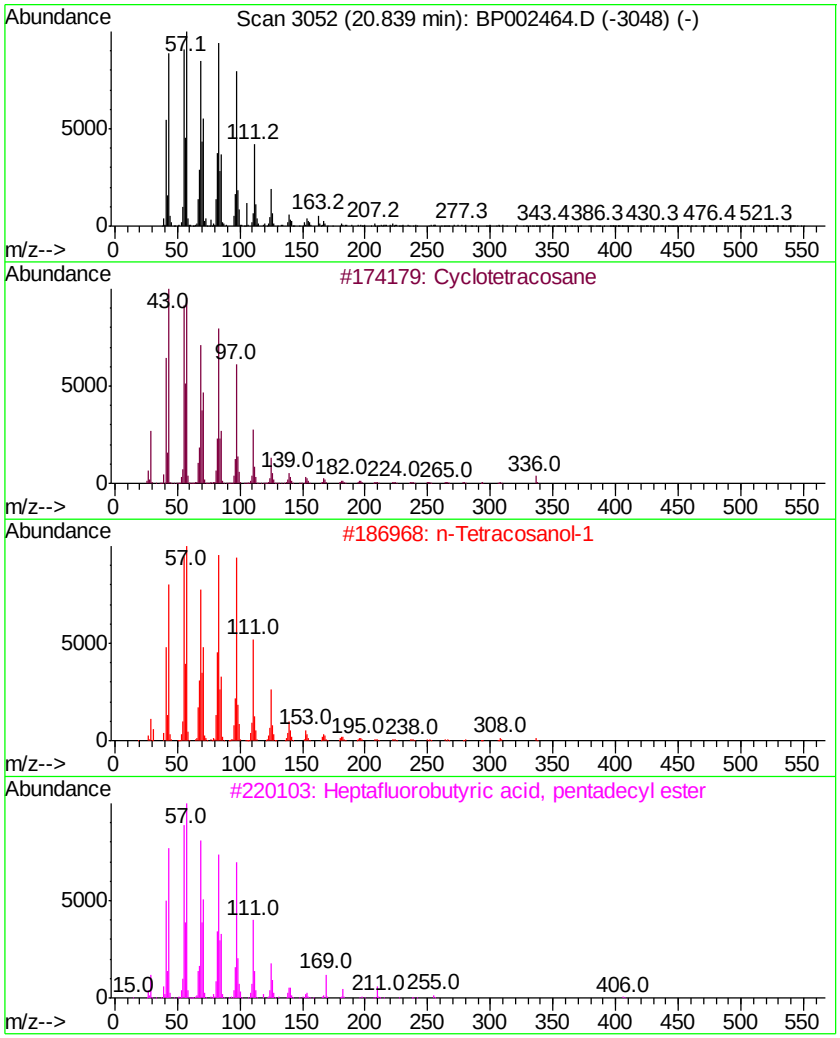
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

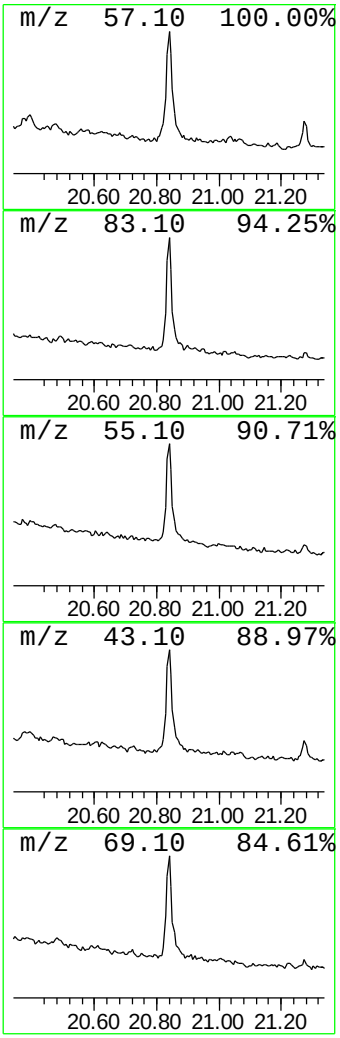
****

Peak Number 5 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.59 ng	389959	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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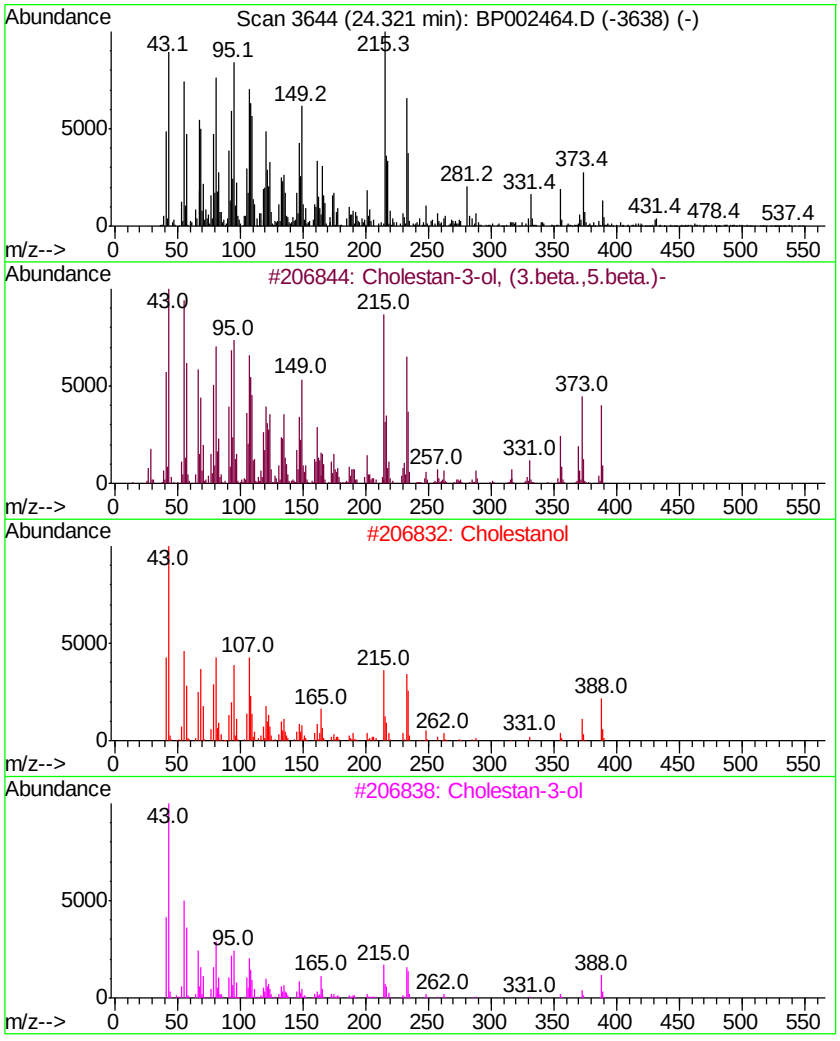
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

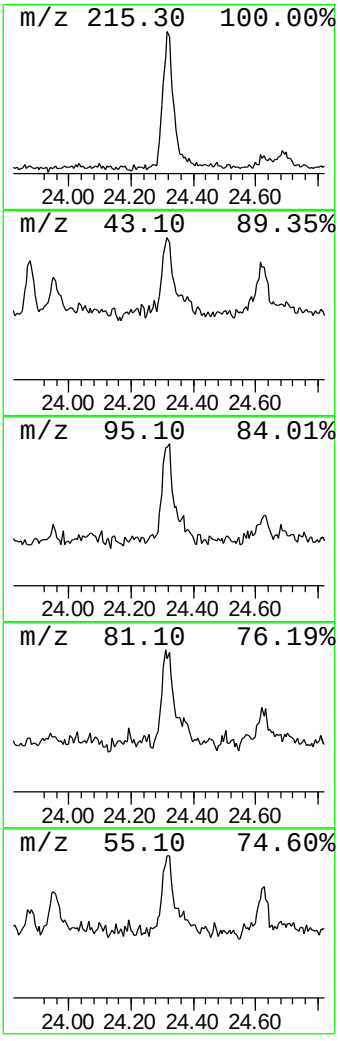
****

Peak Number 6 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	2.85 ng	300840	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	95
2	Cholestanol	388	C27H48O	000080-97-7	62
3	Cholestan-3-ol	388	C27H48O	027409-41-2	49
4	Epicholestanol	388	C27H48O	000516-95-0	42
5	5-(2-Methyloctan-2-yl)-3-(1R,3R-...	332	C22H36O2	070434-92-3	38





Tentatively Identified Compound (LSC) summary

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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
Ethanol, 2-(2-eth...	7.19	3.2	ng	213939	1	7.59	1334890	20.0
Pentadecane, 2,6,...	16.03	2.9	ng	347892	4	16.99	2364810	20.0
Hexadecane, 2,6,1...	16.85	3.4	ng	405528	4	16.99	2364810	20.0
Cyclotetracosane	20.84	3.6	ng	389959	5	21.09	2172980	20.0
Cholestan-3-ol, (...	24.32	2.9	ng	300840	6	23.29	2107860	20.0