LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000330.D
Acq On : 19 Sep 2019 15:17
Operator : HP/JU
Sample : K4962-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-3

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-BP091619.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	4.999	491	495	504	rVB	105193	129664	2.04%	0.279%
2	5.417	561	566	569	rBV	3643490	3624201	56.91%	7.789%
3	6.428	733	738	742	rBV	4187886	4171760	65.51%	8.966%
4	6.564	756	761	764	rBV	4723539	4152339	65.20%	8.924%
5	6.793	796	800	803	rBV	1568504	1246557	19.57%	2.679%
6	6.946	822	826	830	rBV	4185223	3614771	56.76%	7.769%
7	7.346	890	894	897	rBV	2595057	2402944	37.73%	5.164%
8	8.075	1014	1018	1021	rBV	1759072	1550842	24.35%	3.333%
9	9.152	1197	1201	1204	rBV	7229770	5787846	90.88%	12.439%
10	9.546	1264	1268	1272	rBV	666271	555886	8.73%	1.195%
11	9.834	1313	1317	1320	rBV	2485661	1953997	30.68%	4.199%
12	10.628	1448	1452	1455	rBV	3526275	3171945	49.81%	6.817%
13	11.328	1567	1571	1574	rBV	2504392	2062699	32.39%	4.433%
14	12.928	1839	1843	1847	rBV	6784215	6368575	100.00%	13.687%
15	13.851	1996	2000	2010	rBV	319516	618990	9.72%	1.330%
16	13.993	2020	2024	2027	rBV	2232121	1919897	30.15%	4.126%
17	14.481	2104	2107	2109	rBV	83921	74309	1.17%	0.160%
18	14.792	2157	2160	2166	rVB	135918	150704	2.37%	0.324%
19	14.863	2170	2172	2180	rVV	83061	103901	1.63%	0.223%
20	14.940	2182	2185	2194	rVB3	83998	129325	2.03%	0.278%
21	15.134	2215	2218	2223	rVB	186239	213121	3.35%	0.458%
22	15.475	2271	2276	2281	rBV	1596256	2051382	32.21%	4.409%
23	15.528	2282	2285	2292	rVB	129016	189999	2.98%	0.408%
24	15.975	2357	2361	2369	rBV	192133	285342	4.48%	0.613%

Sum of corrected areas: 46530996

LSC Report - Integrated Chromatogram

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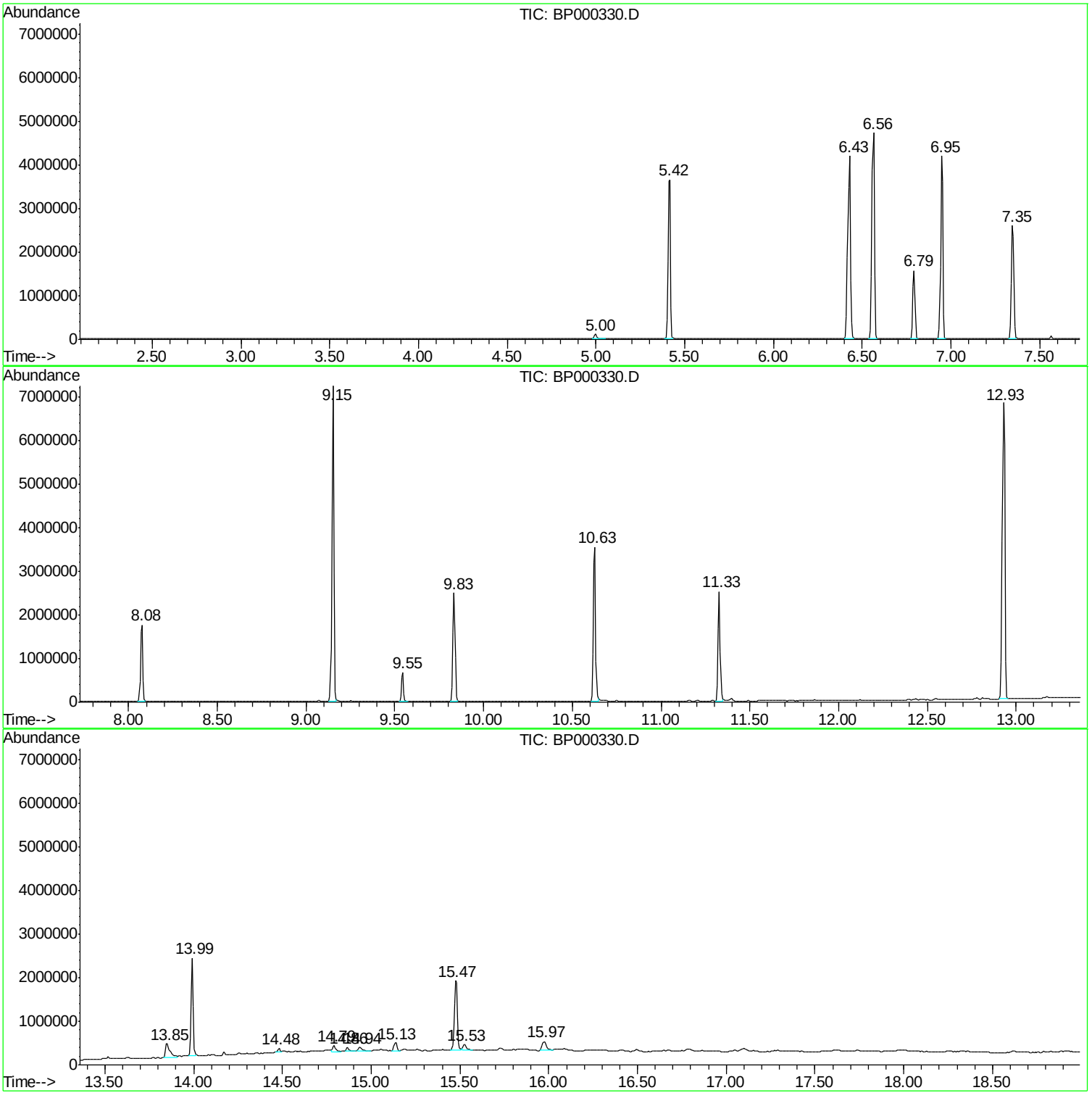
Instrument : BNA_P
ClientSampleId : TH-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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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ClientSampleId : TH-3

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

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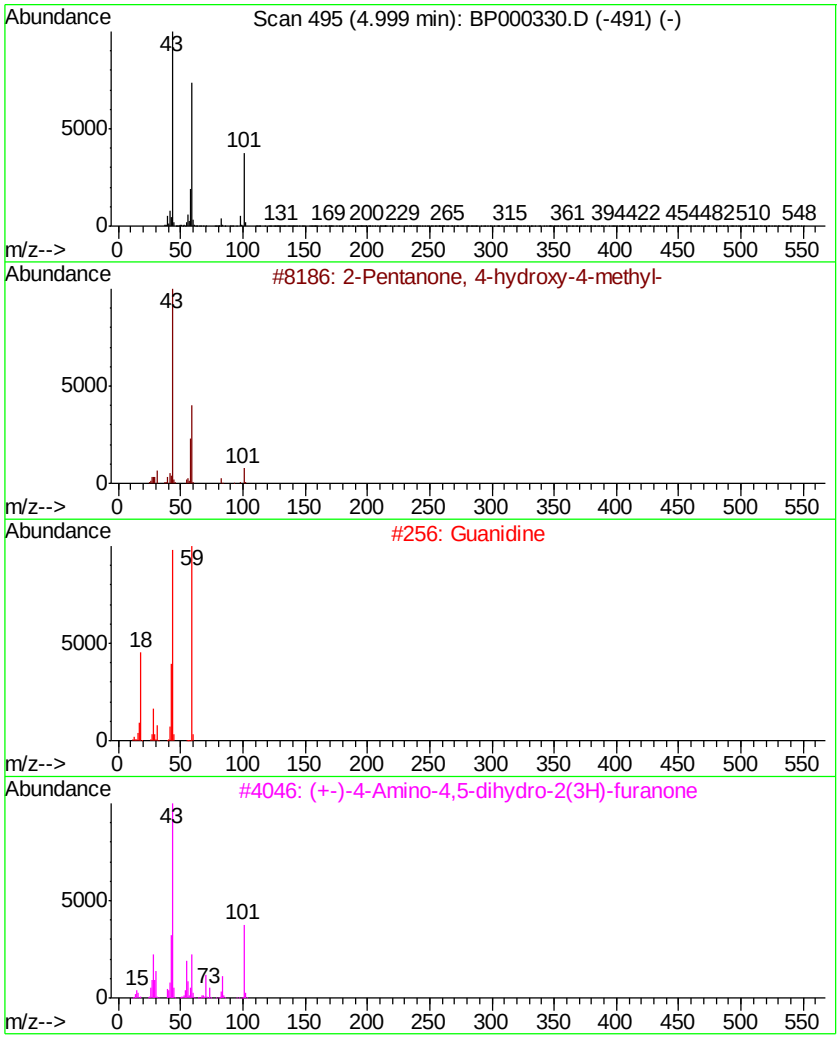
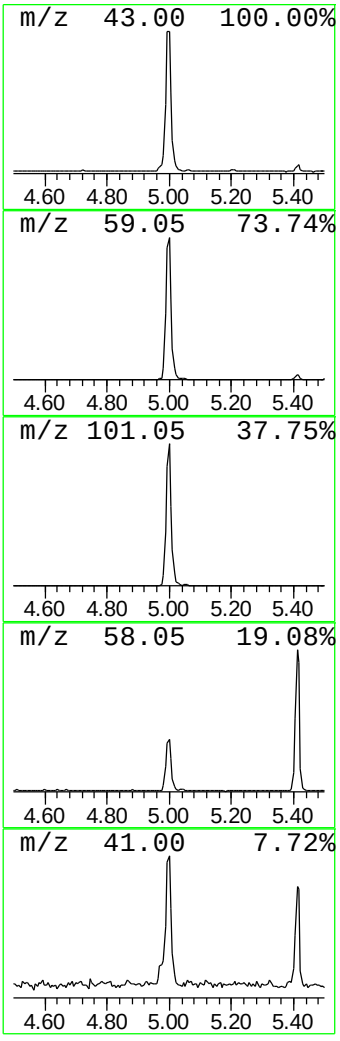
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	2.08 ng	129664	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : TH-3

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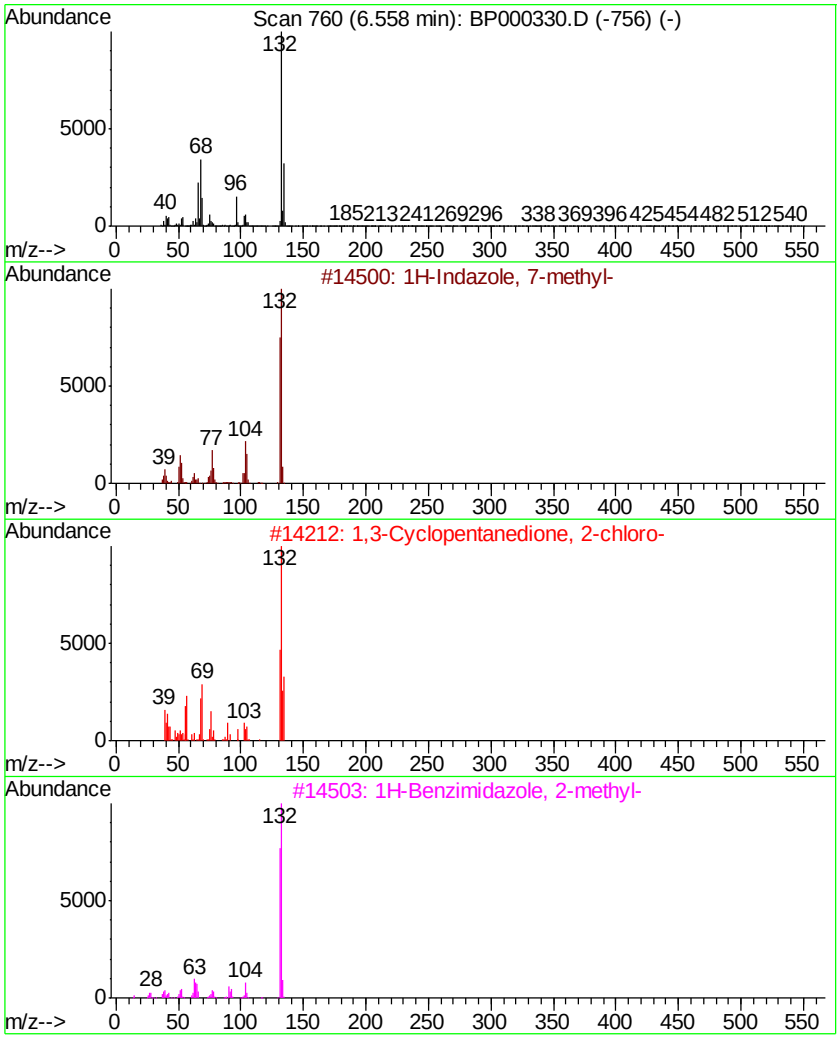
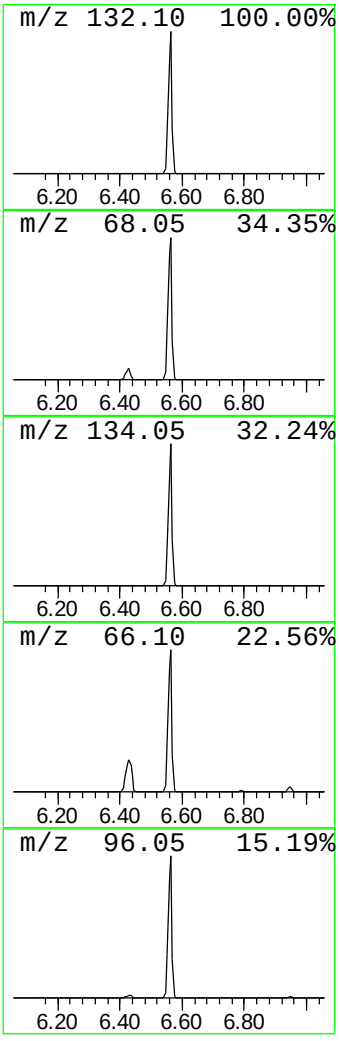
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	66.62 ng	4152340	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	9
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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ClientSampleId : TH-3

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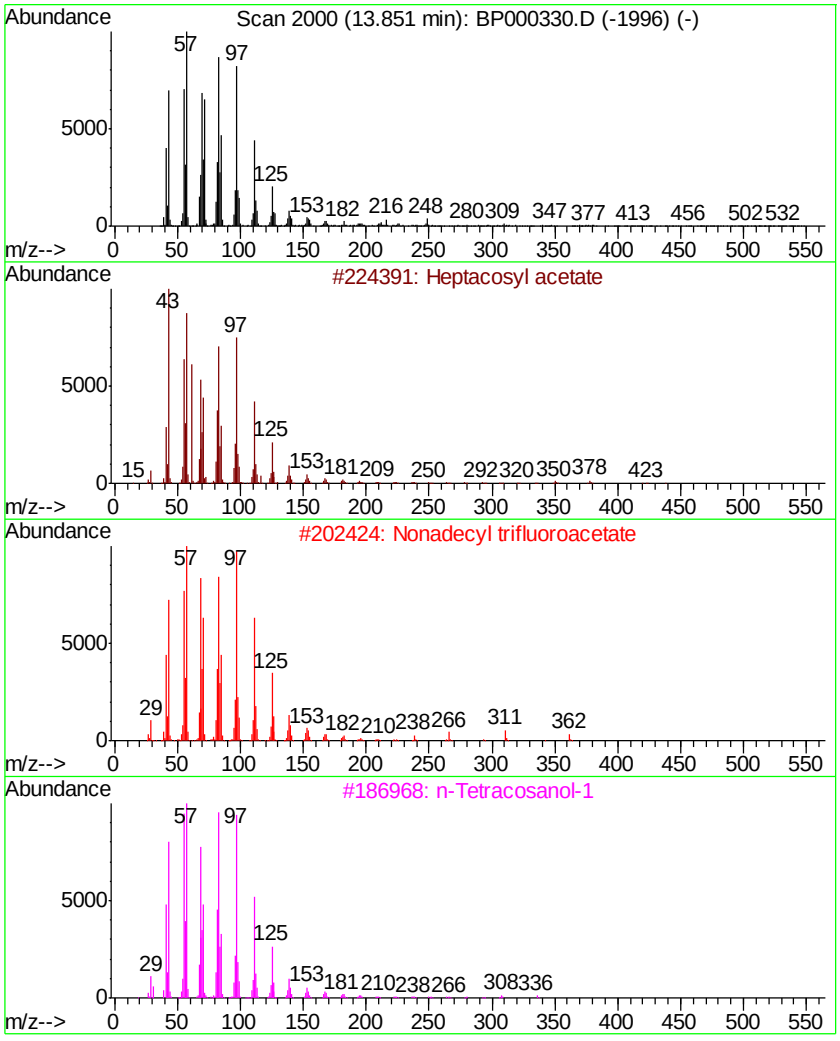
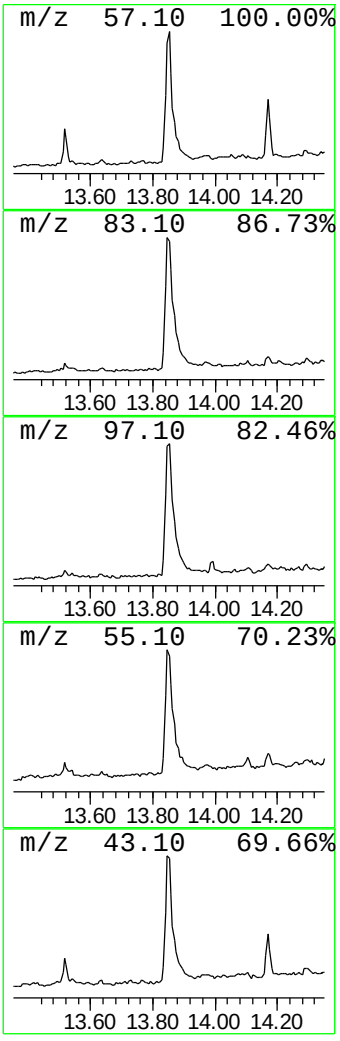
Peak Number 4 Heptacosyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.45 ng	618990	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
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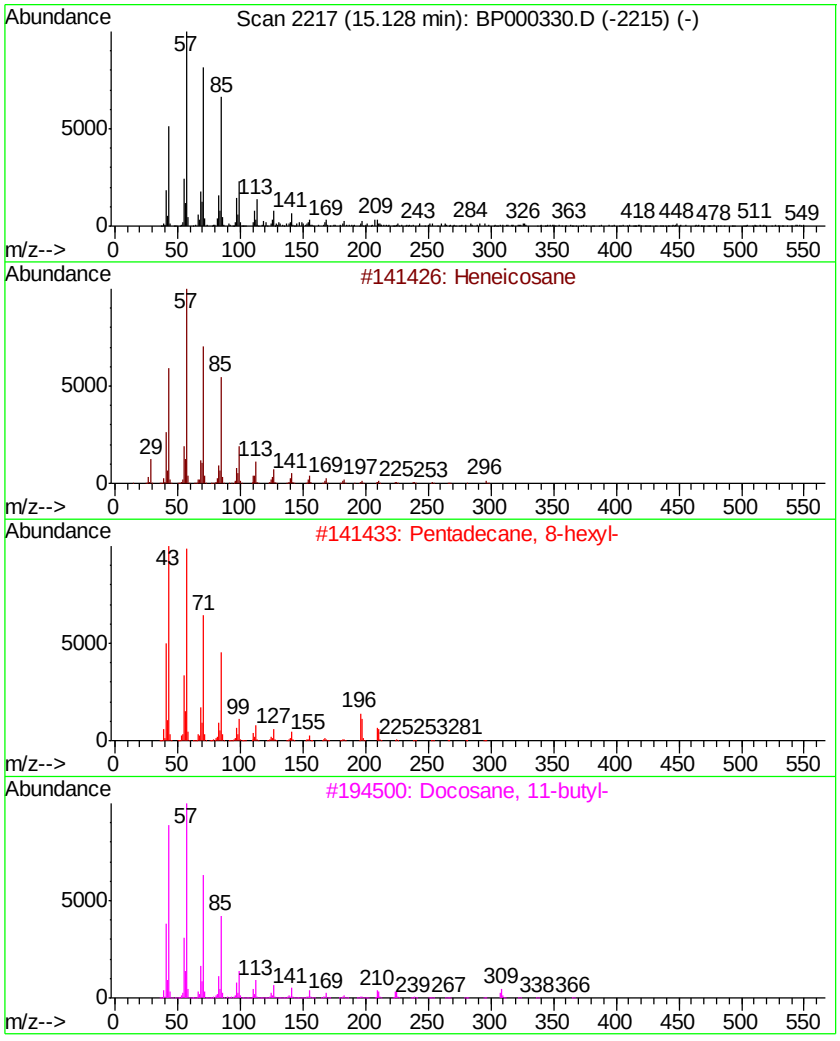
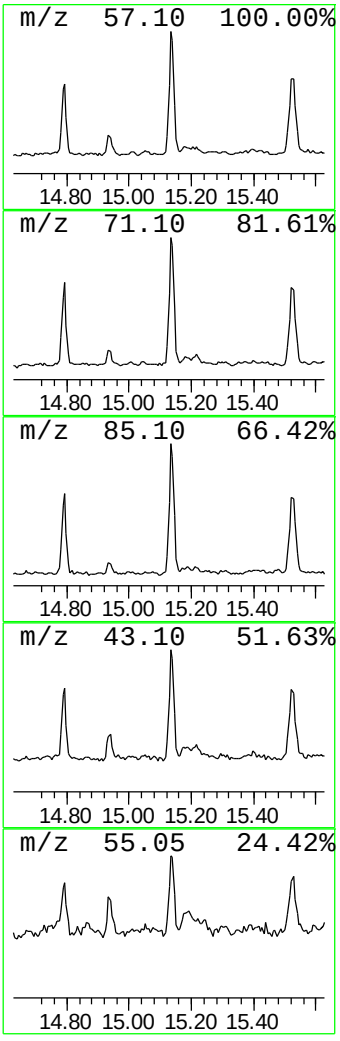
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.08 ng	213121	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90





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Instrument : BNA_P
ClientSampleId : TH-3

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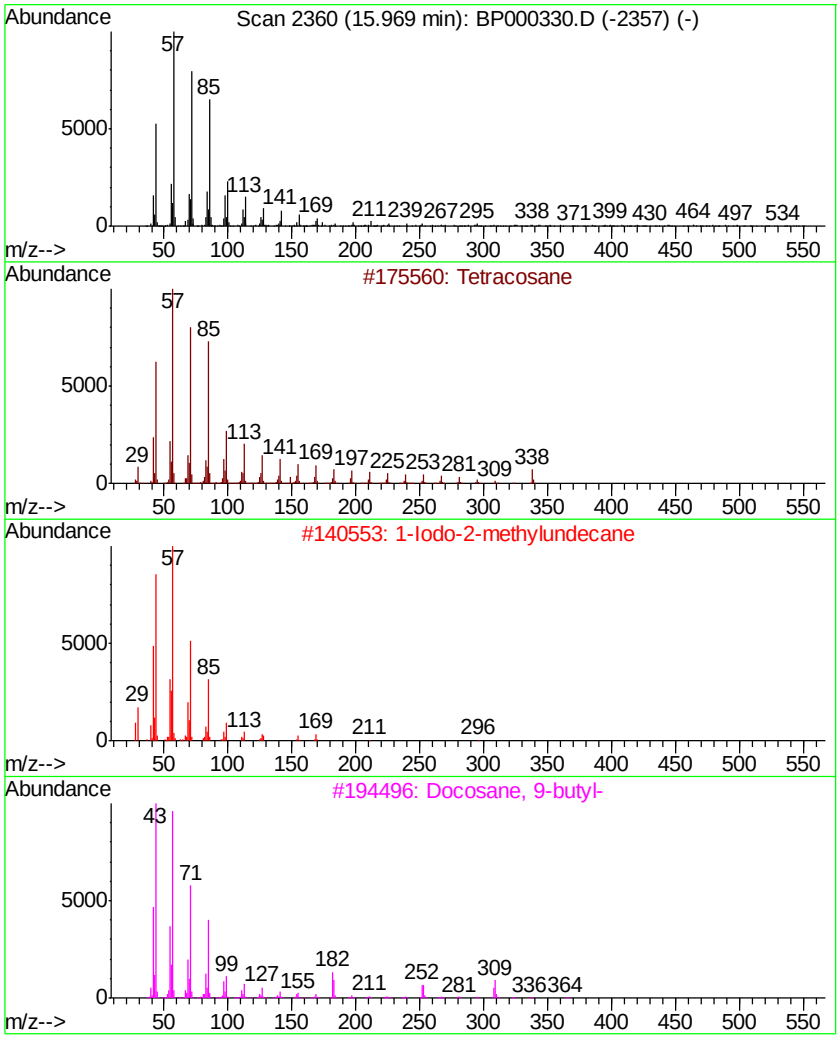
TIC Integration Parameters: LSCINT.P

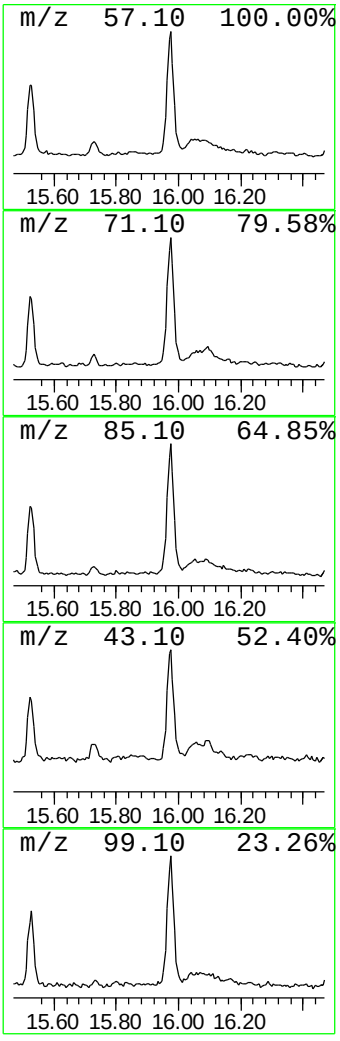
****

Peak Number 6 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.78 ng	285342	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	2.1	ng	129664	1	6.79	1246560	20.0
unknown6.56	6.56	66.6	ng	4152340	1	6.79	1246560	20.0
Heptacosyl acetate	13.85	6.5	ng	618990	5	13.99	1919900	20.0
Heneicosane	15.13	2.1	ng	213121	6	15.47	2051380	20.0
Tetracosane	15.97	2.8	ng	285342	6	15.47	2051380	20.0