LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000332.D
Acq On : 19 Sep 2019 16:04
Operator : HP/JU
Sample : K4962-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

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	5.411	561	565	569	rBV	4019989	3958500	60.44%	7.711%
2	6.428	733	738	749	rBV	4445242	4414304	67.40%	8.599%
3	6.564	756	761	764	rBV	4967232	4422201	67.52%	8.614%
4	6.793	796	800	803	rBV	1470066	1239760	18.93%	2.415%
5	6.946	822	826	830	rBV	4384967	3770662	57.57%	7.345%
6	7.346	890	894	898	rBV	2713194	2566090	39.18%	4.999%
7	8.075	1014	1018	1020	rBV	1758387	1551821	23.70%	3.023%
8	9.152	1197	1201	1204	rBV	7297024	5863665	89.53%	11.422%
9	9.546	1264	1268	1271	rBV	594396	511619	7.81%	0.997%
10	9.834	1313	1317	1320	rBV	2217897	1868130	28.52%	3.639%
11	10.622	1447	1451	1455	rBV	3828463	3553572	54.26%	6.922%
12	11.328	1567	1571	1573	rBV	2431049	2006298	30.63%	3.908%
13	11.352	1573	1575	1578	rVV	378879	294926	4.50%	0.575%
14	11.399	1578	1583	1586	rVB3	113927	120593	1.84%	0.235%
15	12.551	1775	1779	1782	rBV	429762	392681	6.00%	0.765%
16	12.781	1810	1818	1821	rBV	383364	412466	6.30%	0.803%
17	12.928	1839	1843	1846	rBV	7568337	6549142	100.00%	12.758%
18	13.175	1881	1885	1888	rBV3	70068	87348	1.33%	0.170%
19	13.845	1995	1999	2015	rBV2	392541	702460	10.73%	1.368%
20	13.993	2019	2024	2026	rVV	2276039	2315827	35.36%	4.511%
21	14.016	2026	2028	2036	rVB	235395	208618	3.19%	0.406%
22	14.169	2051	2054	2058	rBV2	139955	131143	2.00%	0.255%
23	14.475	2103	2106	2109	rBV	192066	161887	2.47%	0.315%
24	14.787	2156	2159	2166	rVB	269301	266443	4.07%	0.519%
25	15.040	2198	2202	2205	rBV	245780	335222	5.12%	0.653%
26	15.134	2214	2218	2223	rBV2	287051	344642	5.26%	0.671%
27	15.345	2251	2254	2260	rVB	125210	143389	2.19%	0.279%
28	15.404	2261	2264	2270	rVB	199117	236073	3.60%	0.460%
29	15.475	2271	2276	2280	rVV	1755293	2136311	32.62%	4.162%
30	15.522	2280	2284	2288	rVB2	245449	345902	5.28%	0.674%
31	15.969	2355	2360	2368	rBV	255251	423197	6.46%	0.824%

Sum of corrected areas: 51334892

LSC Report - Integrated Chromatogram

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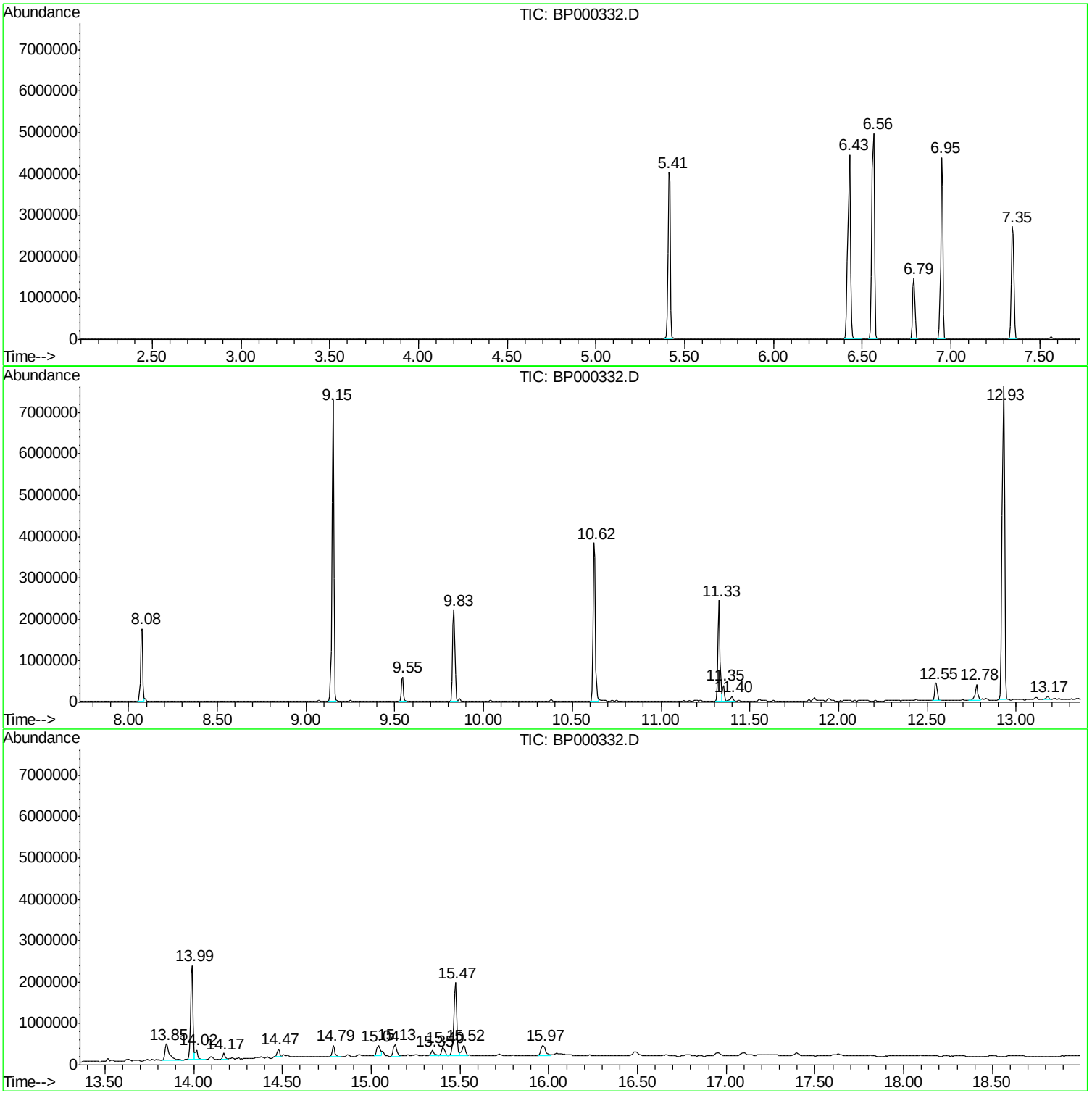
Sample : K4962-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TH-5

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



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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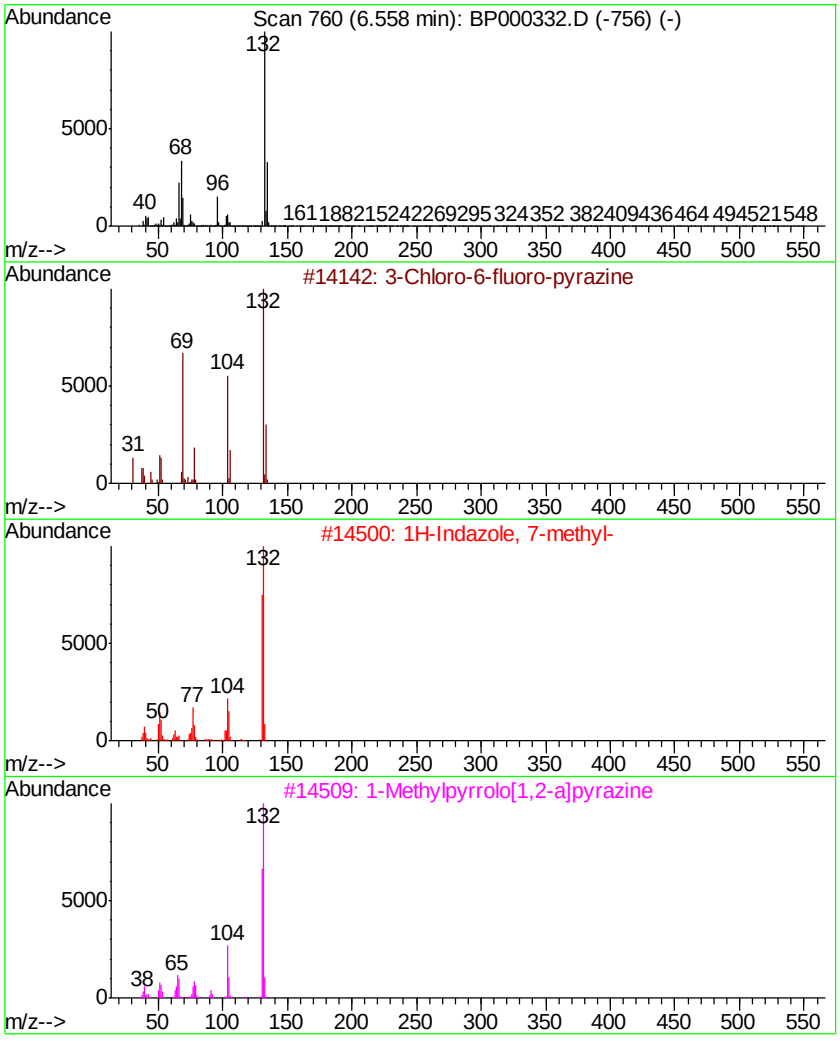
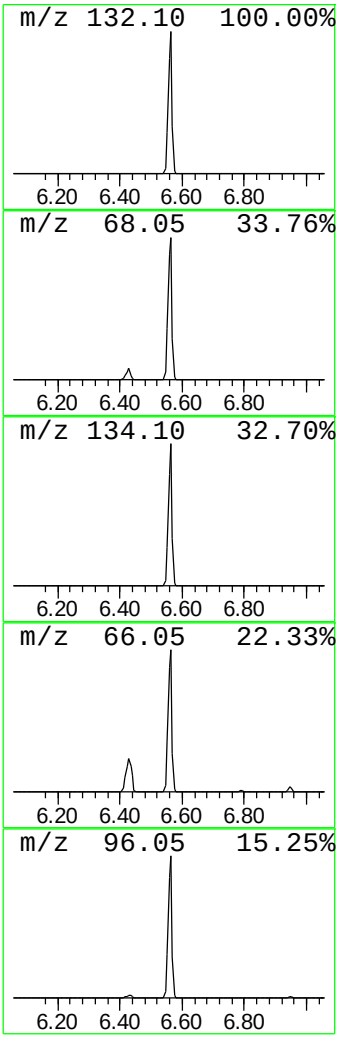
Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	71.34 ng	4422200	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Misc :
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Instrument : BNA_P
ClientSampleId : TH-5

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TIC Integration Parameters: LSCINT.P

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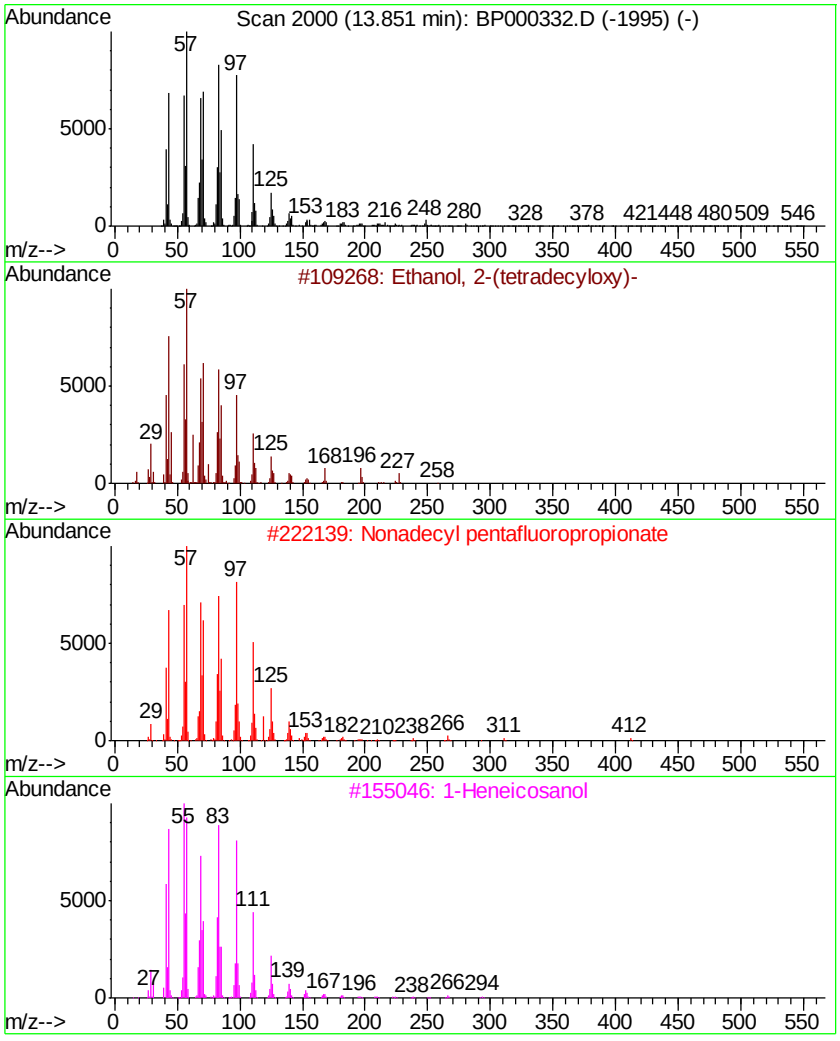
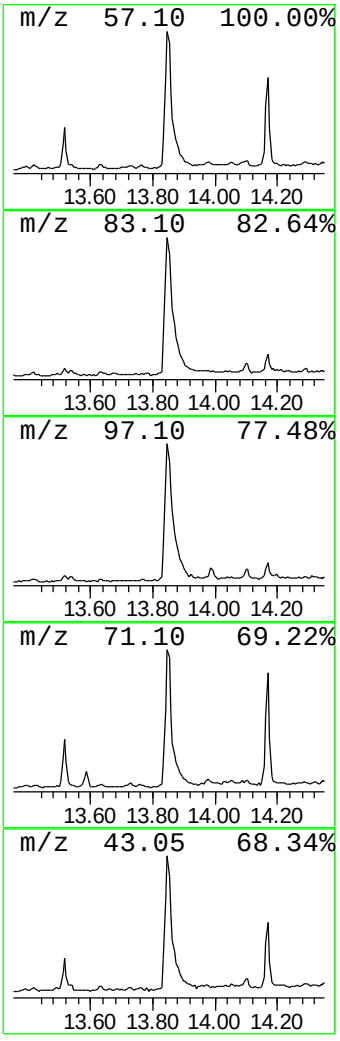
Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.07 ng	702460	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





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ClientSampleId : TH-5

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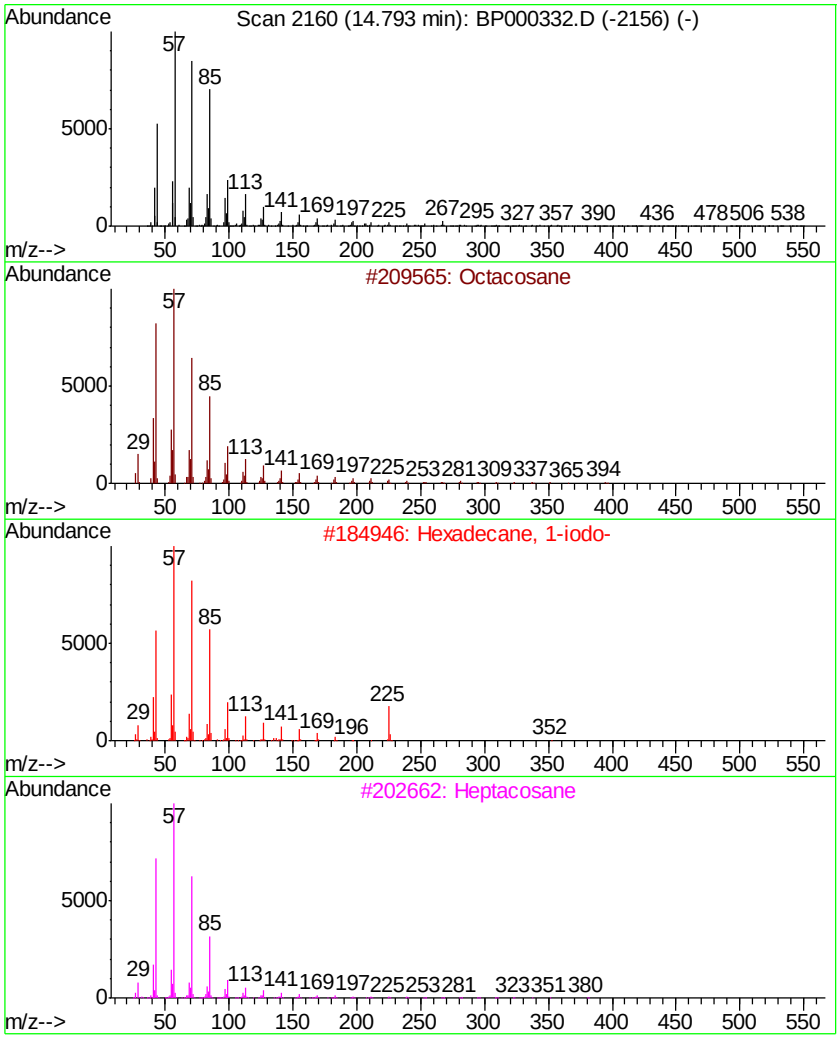
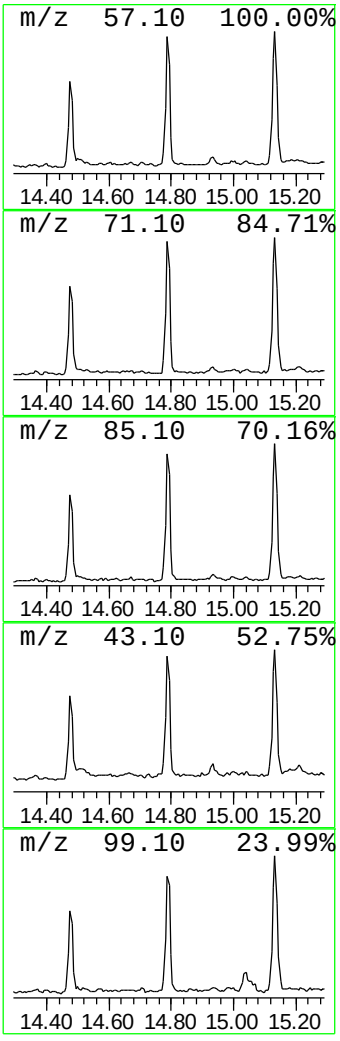
Peak Number 4 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.49 ng	266443	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
3	Heptacosane	380	C27H56	000593-49-7	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : TH-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
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TIC Integration Parameters: LSCINT.P

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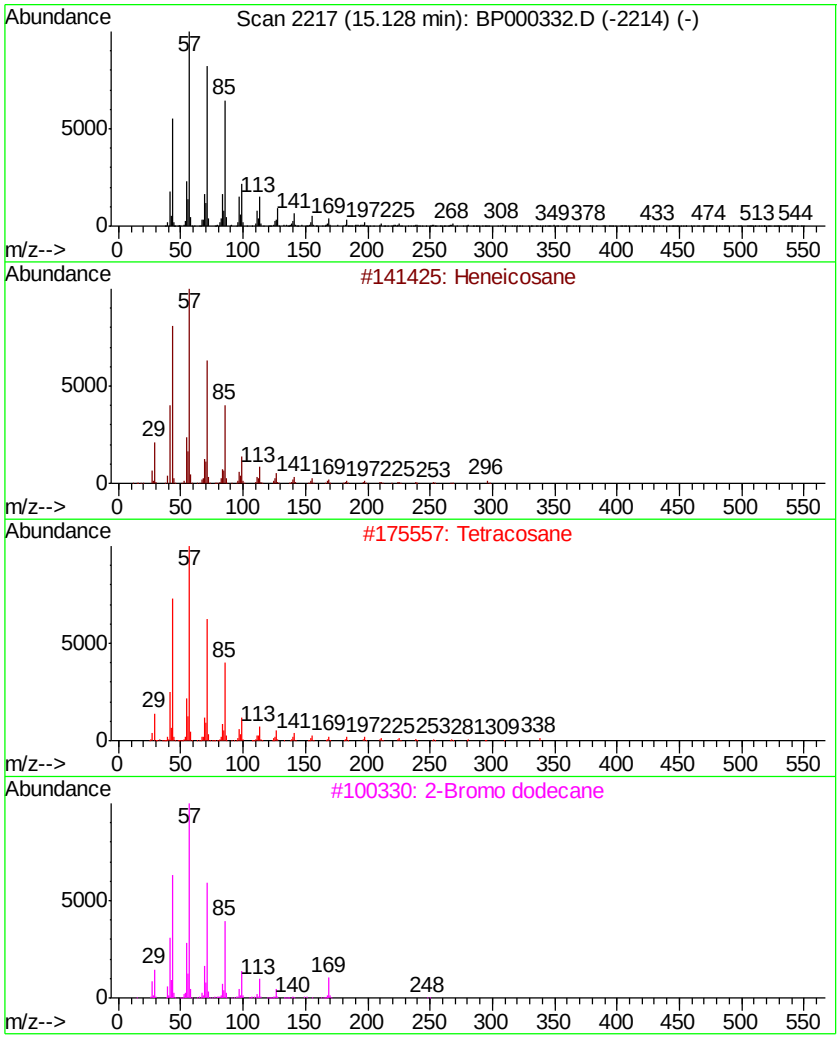
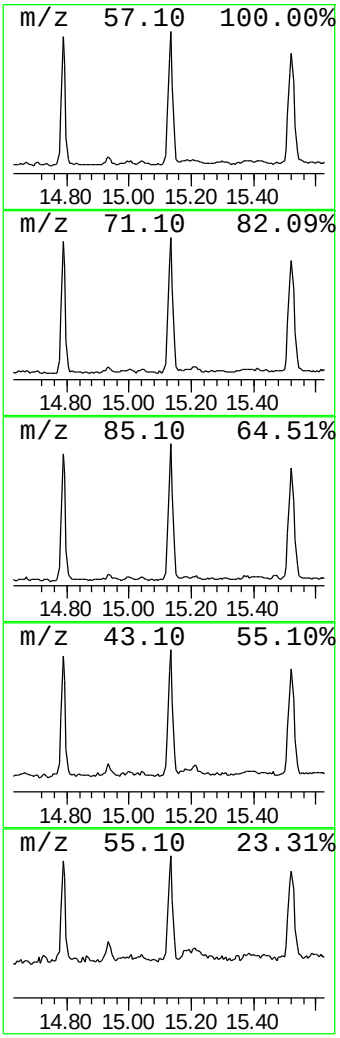
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.23 ng	344642	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Tetracosane	338	C24H50	000646-31-1	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93





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ALS Vial : 17 Sample Multiplier: 1

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

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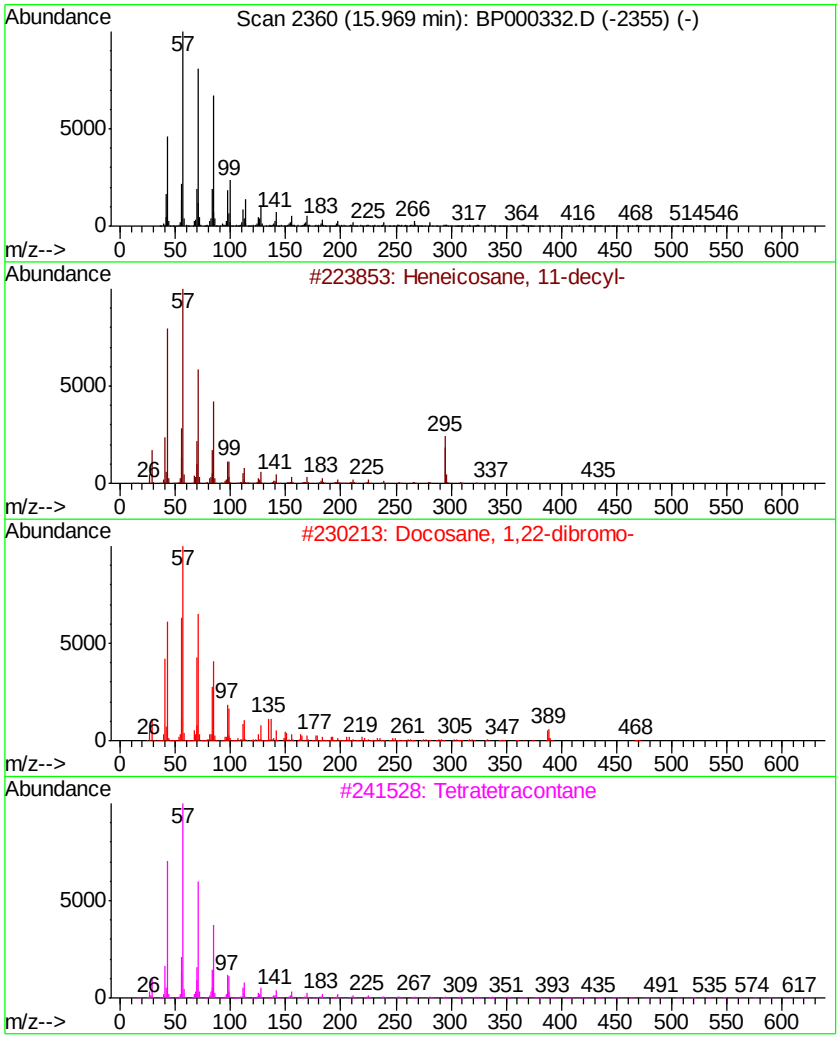
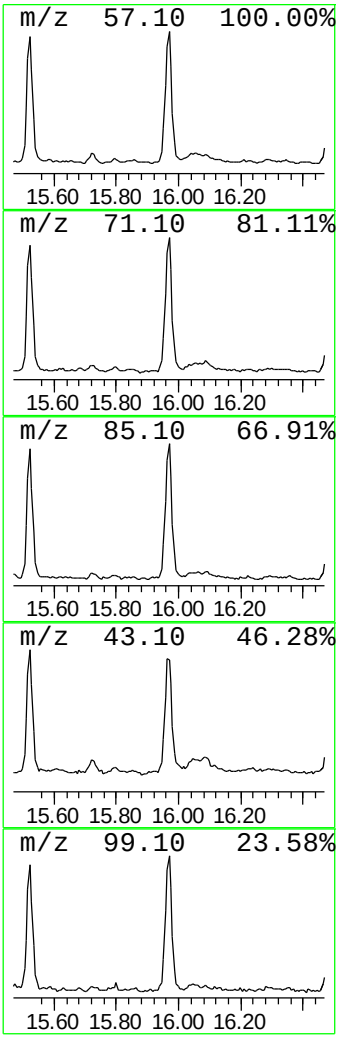
Peak Number 6 Heneicosane, 11-decyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.96 ng	423197	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
2	Docosane, 1,22-dibromo-	466	C22H44Br2	034540-49-3	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	90





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
unknown6.56	6.56	71.3	ng	4422200	1	6.79	1239760	20.0
Ethanol, 2-(tetra...	13.85	6.1	ng	702460	5	13.99	2315830	20.0
Octacosane	14.79	2.5	ng	266443	6	15.47	2136310	20.0
Heneicosane	15.13	3.2	ng	344642	6	15.47	2136310	20.0
Heneicosane, 11-d...	15.97	4.0	ng	423197	6	15.47	2136310	20.0