LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000527.D
Acq On : 04 Oct 2019 23:13
Operator : JU
Sample : K5154-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-104I

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-BP100119.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	5.393	558	562	573	rBV	3106980	2748119	33.21%	5.783%
2	6.405	730	734	753	rVB2	1787528	1792941	21.67%	3.773%
3	6.540	753	757	760	rBV	4047822	3586149	43.33%	7.546%
4	6.769	792	796	799	rBV	1182666	982597	11.87%	2.068%
5	6.922	818	822	826	rBV	3477185	3013335	36.41%	6.341%
6	7.328	886	891	894	rBV	2765924	2256440	27.27%	4.748%
7	8.052	1010	1014	1017	rBV	1689216	1372741	16.59%	2.889%
8	8.440	1076	1080	1095	rVB	130948	124621	1.51%	0.262%
9	9.134	1193	1198	1201	rBV	5509689	4963400	59.98%	10.444%
10	9.528	1261	1265	1268	rBV	618240	544637	6.58%	1.146%
11	9.810	1310	1313	1317	rVB	2189430	1755874	21.22%	3.695%
12	10.610	1444	1449	1452	rBV	3715558	3480069	42.05%	7.323%
13	11.310	1564	1568	1571	rBV	2745901	2322088	28.06%	4.886%
14	11.381	1574	1580	1583	rVB2	106433	109062	1.32%	0.229%
15	11.852	1656	1660	1675	rBV2	549851	709891	8.58%	1.494%
16	12.646	1792	1795	1806	rBV	189639	232566	2.81%	0.489%
17	12.916	1836	1841	1844	rBV	8821903	8275712	100.00%	17.414%
18	13.504	1938	1941	1943	rVB	118540	98893	1.19%	0.208%
19	13.828	1992	1996	2015	rBV3	801803	1229393	14.86%	2.587%
20	13.975	2017	2021	2025	rBV	2520475	2384556	28.81%	5.018%
21	14.157	2048	2052	2058	rBV	295881	308253	3.72%	0.649%
22	14.463	2101	2104	2113	rVB	427302	409316	4.95%	0.861%
23	14.775	2154	2157	2161	rBV	521676	465130	5.62%	0.979%
24	15.116	2211	2215	2224	rBV	489586	578663	6.99%	1.218%
25	15.457	2268	2273	2277	rBV	2011797	2370470	28.64%	4.988%
26	15.504	2277	2281	2286	rVB	457999	556874	6.73%	1.172%
27	15.945	2351	2356	2361	rBV	311181	484821	5.86%	1.020%
28	16.457	2439	2443	2455	rVB2	182749	366672	4.43%	0.772%

Sum of corrected areas: 47523283

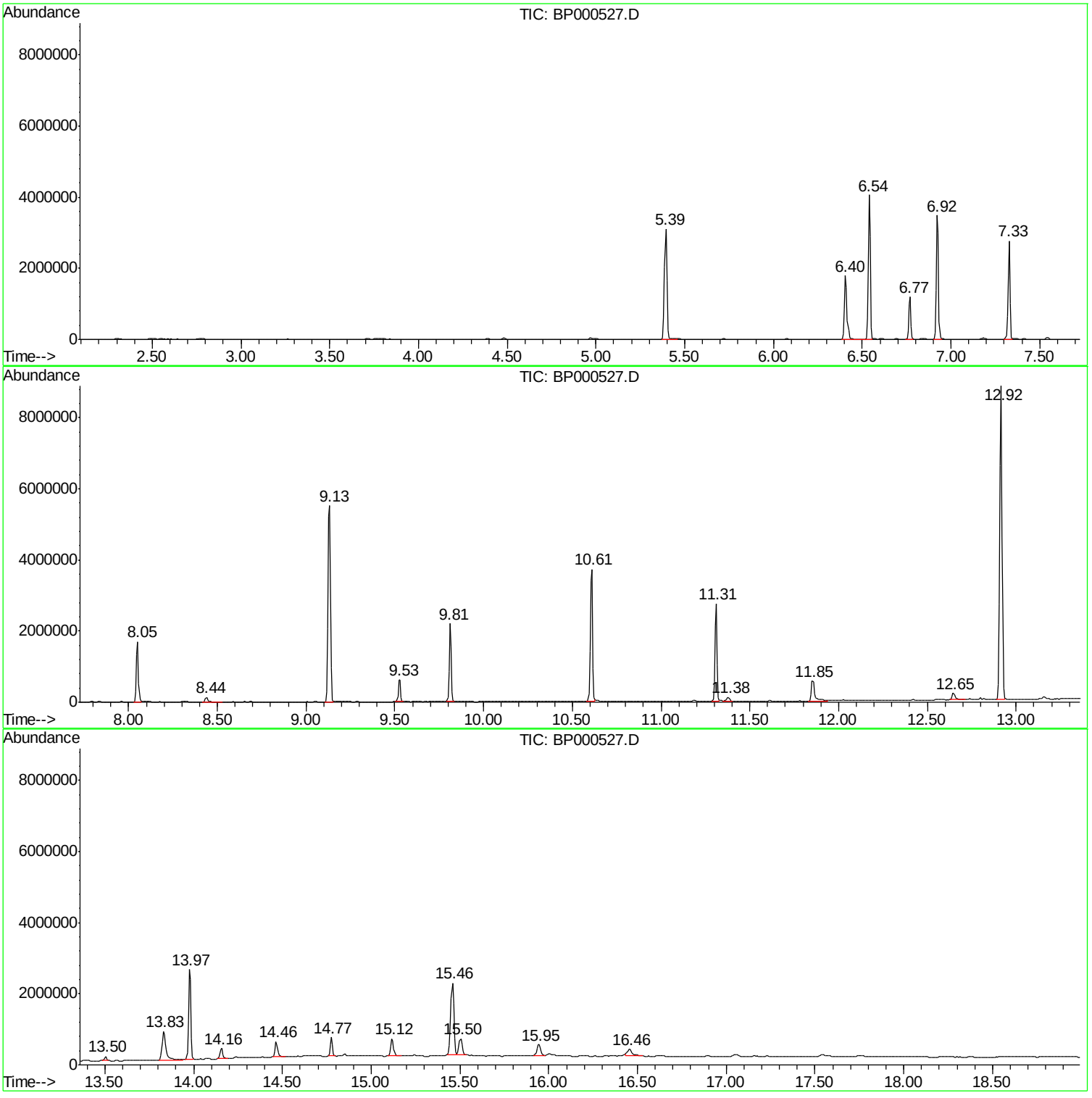
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000527.D
Acq On : 04 Oct 2019 23:13
Operator : JU
Sample : K5154-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-104I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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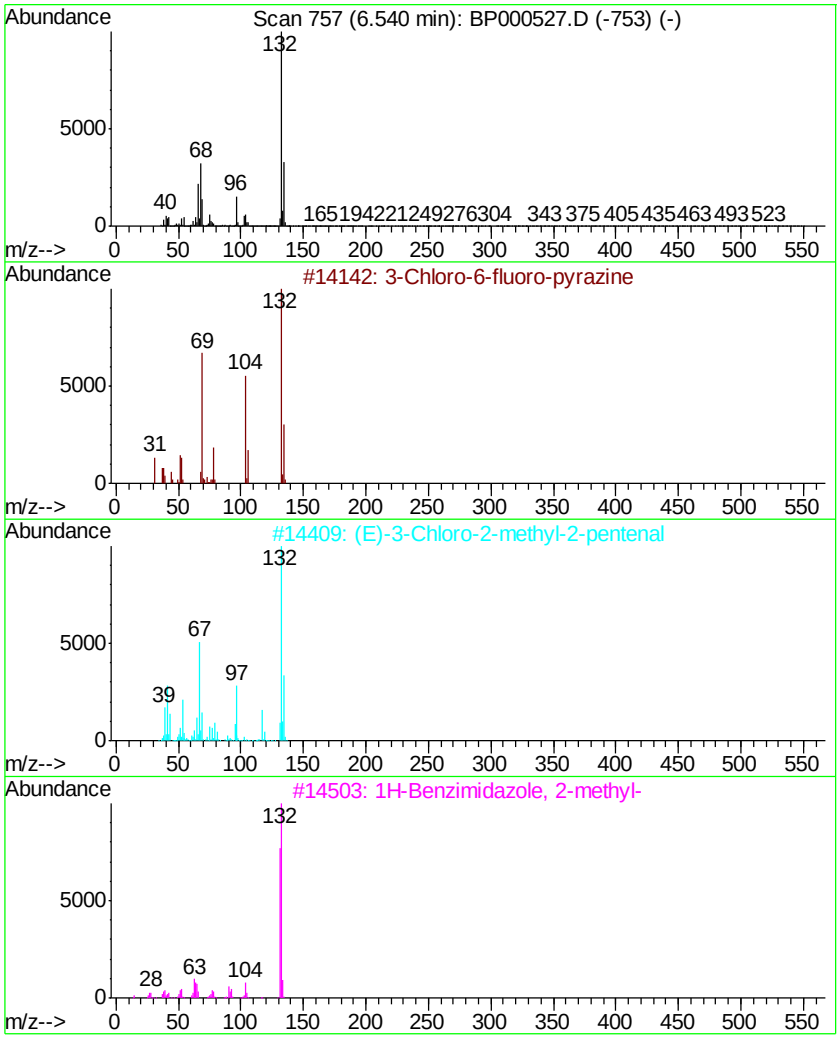
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

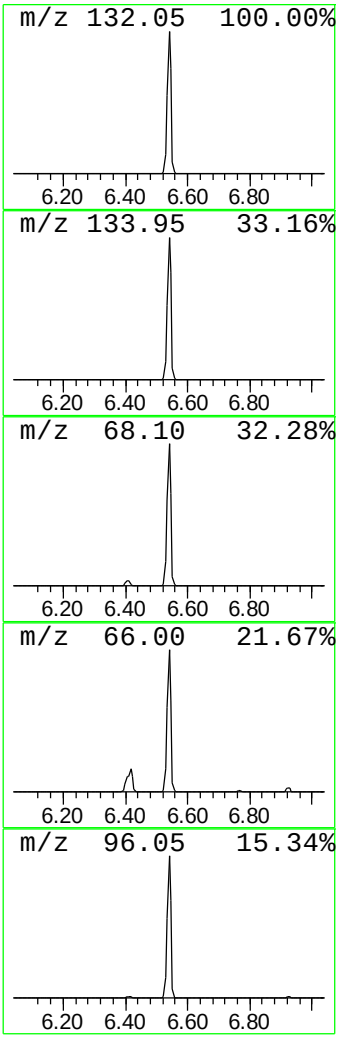
****

Peak Number 1 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	72.99 ng	3586150	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Sample : K5154-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-104I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

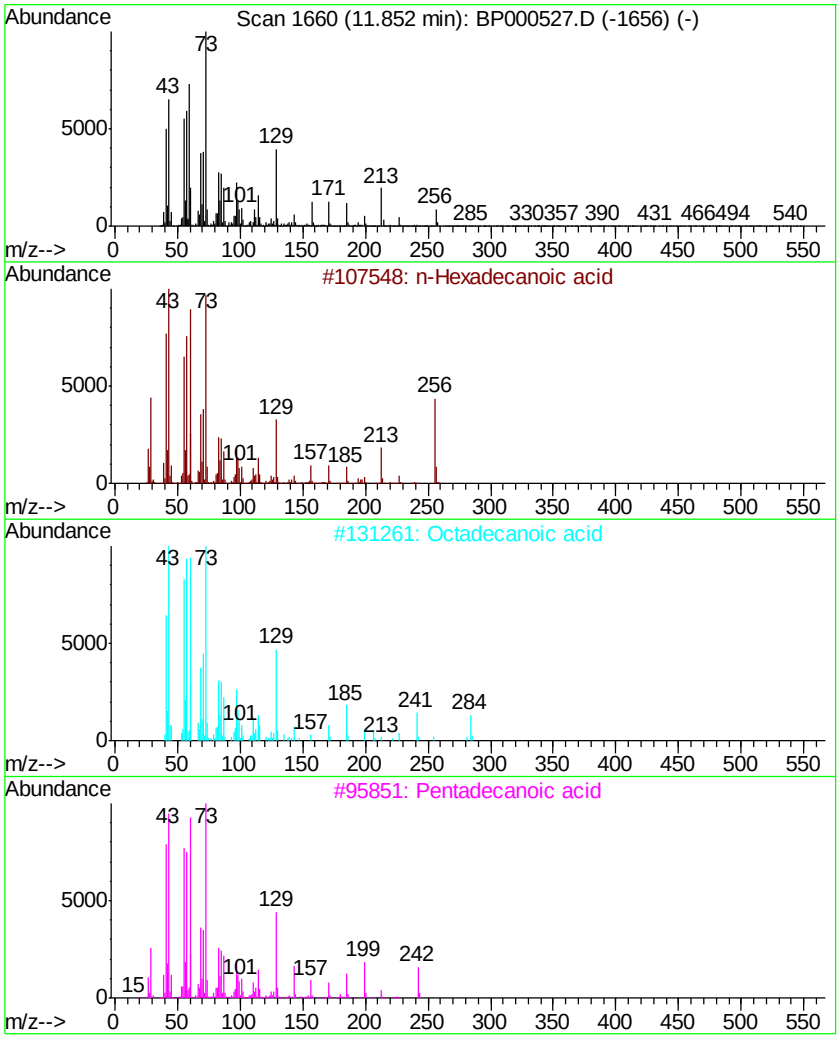
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

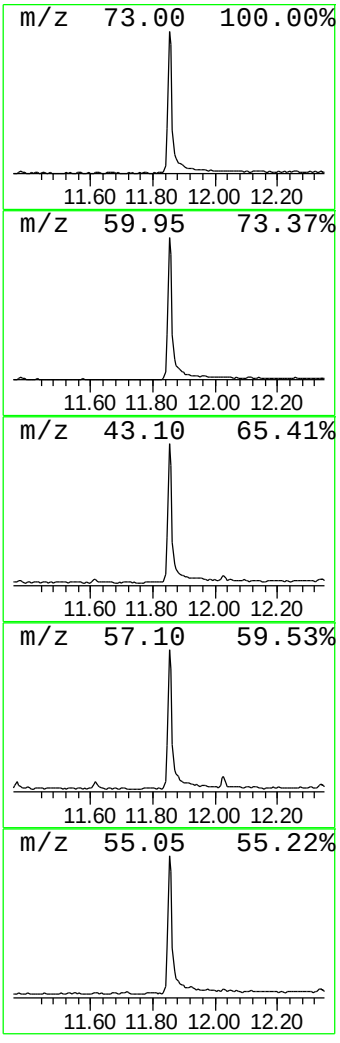
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	6.11 ng	709891	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-104I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

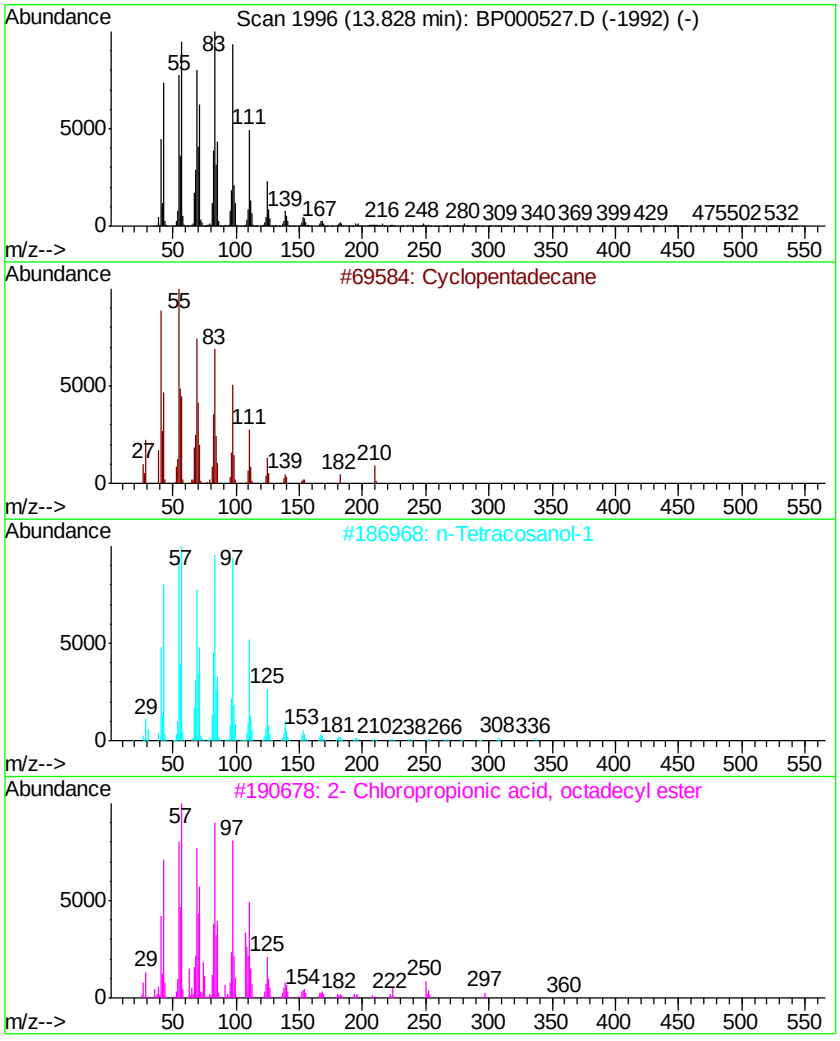
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

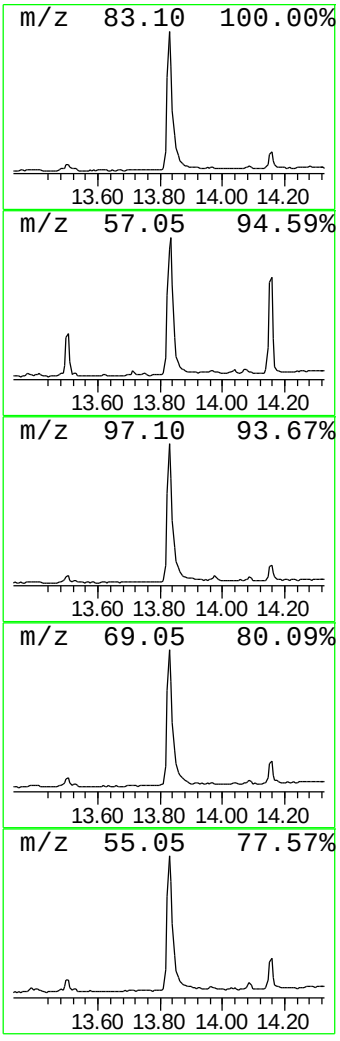
****

Peak Number 4 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	10.31 ng	1229390	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Data File : BP000527.D
Acq On : 04 Oct 2019 23:13
Operator : JU
Sample : K5154-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-104I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

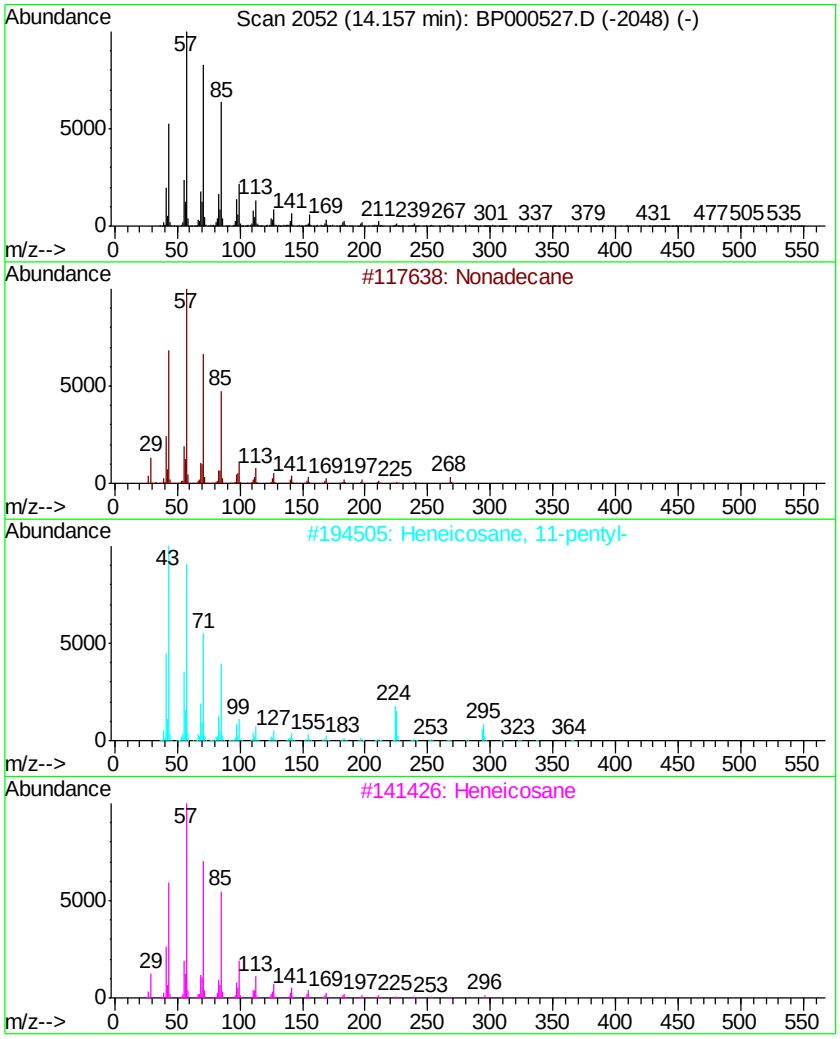
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

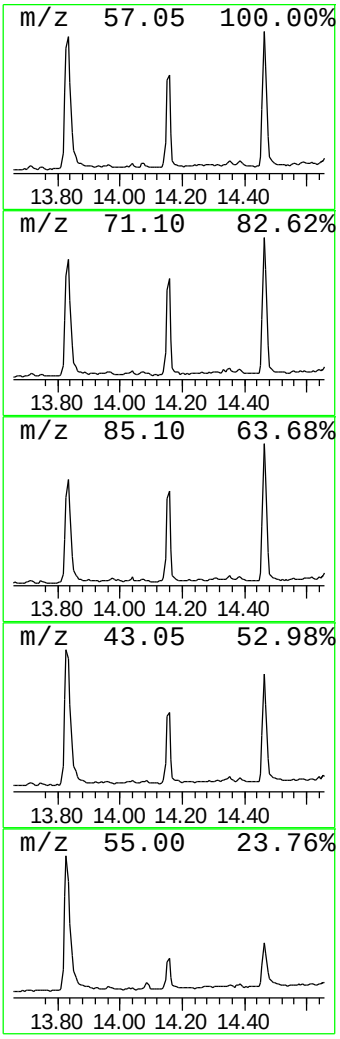
****

Peak Number 5 Heneicosane, 11-pentyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.59 ng	308253	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000527.D
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Operator : JU
Sample : K5154-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-104I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

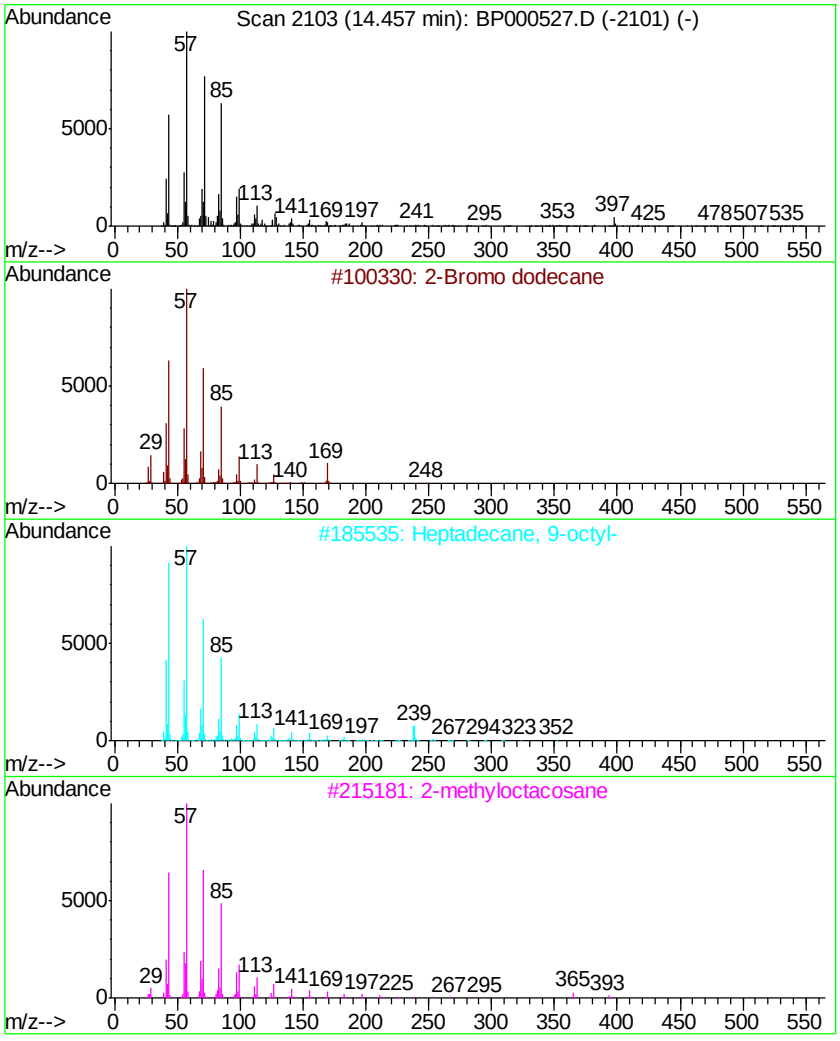
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

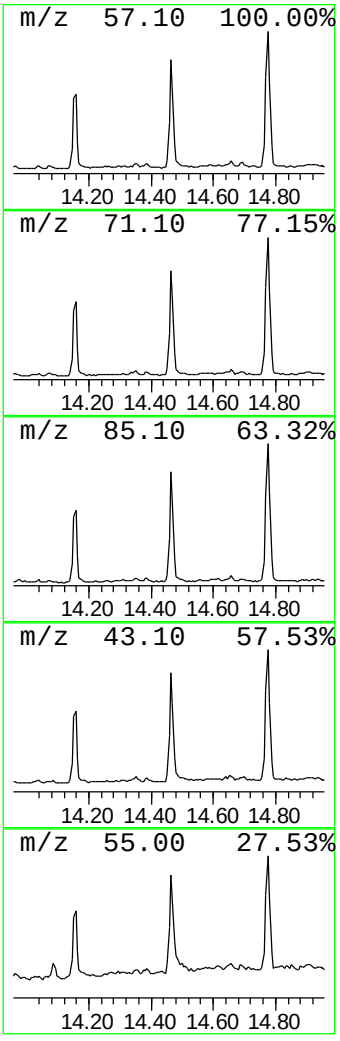
****

Peak Number 6 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.43 ng	409316	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-104I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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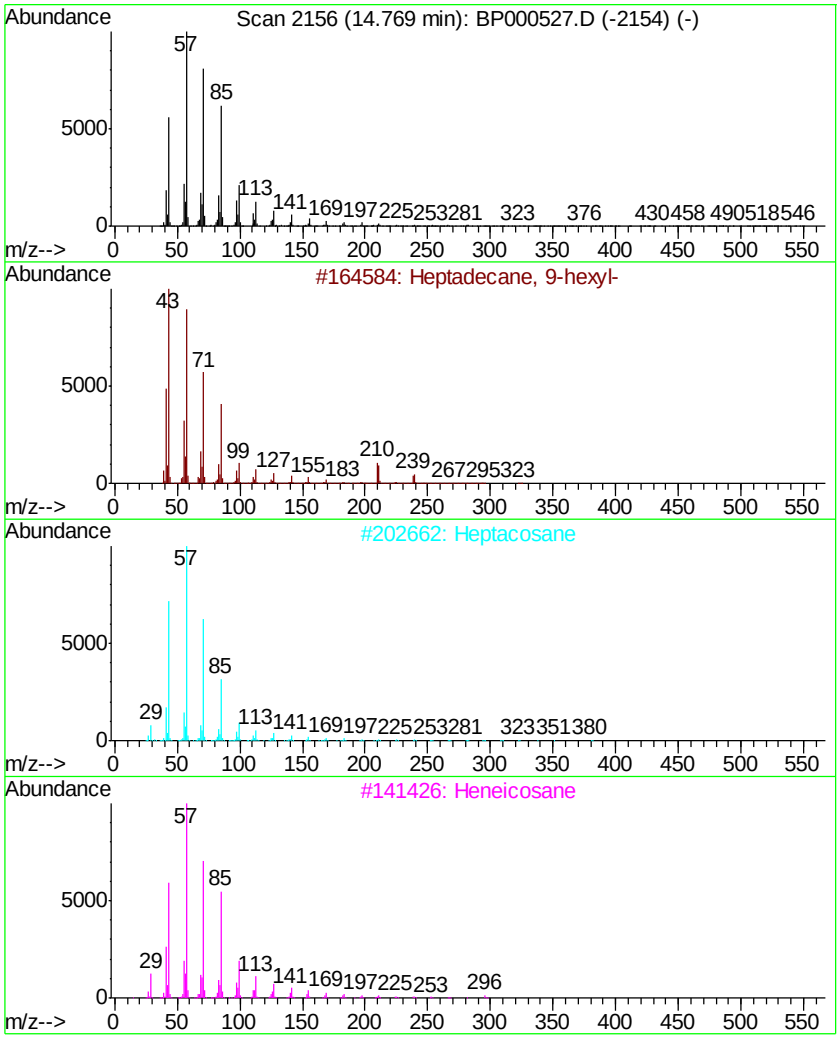
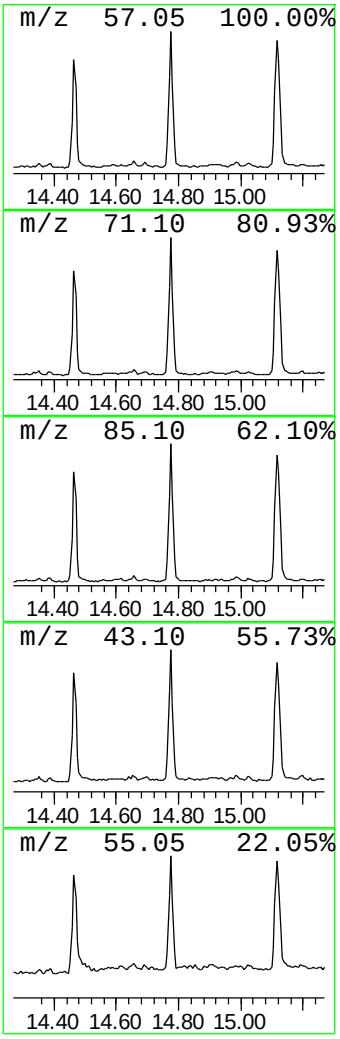
Peak Number 7 Heptadecane, 9-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.92 ng	465130	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Triacontane	422	C30H62	000638-68-6	91





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Operator : JU
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Instrument : BNA_P
ClientSampleId : MW-104I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

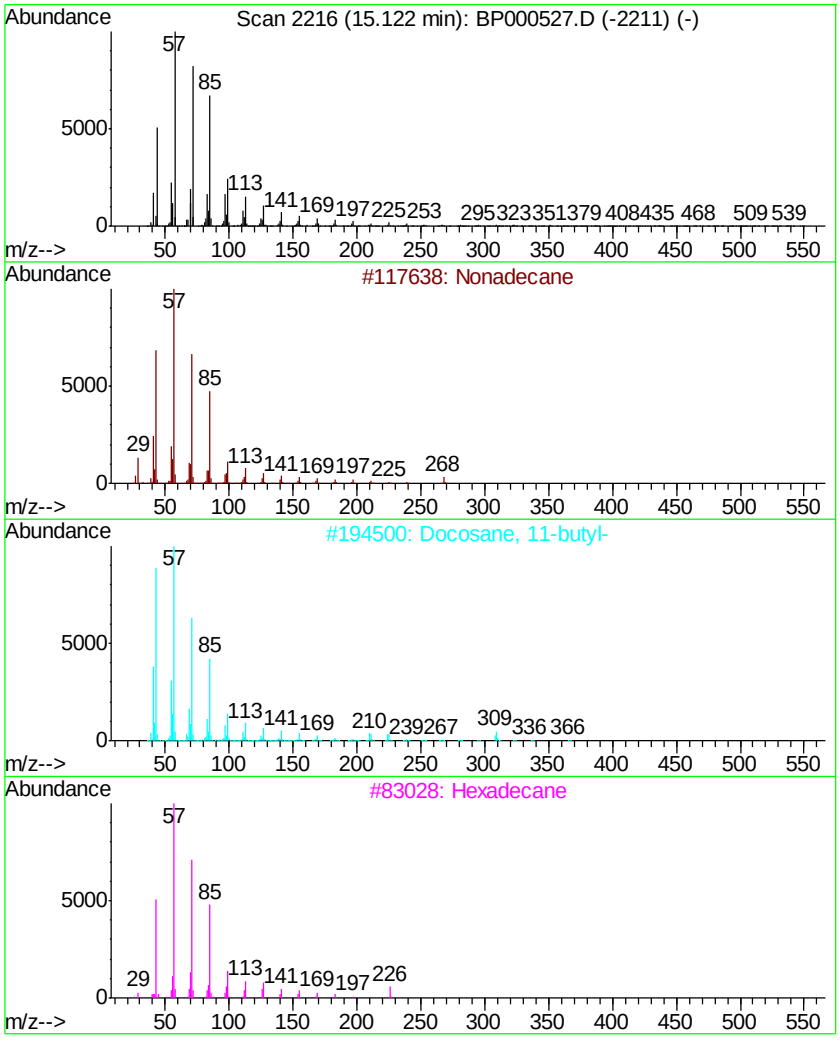
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

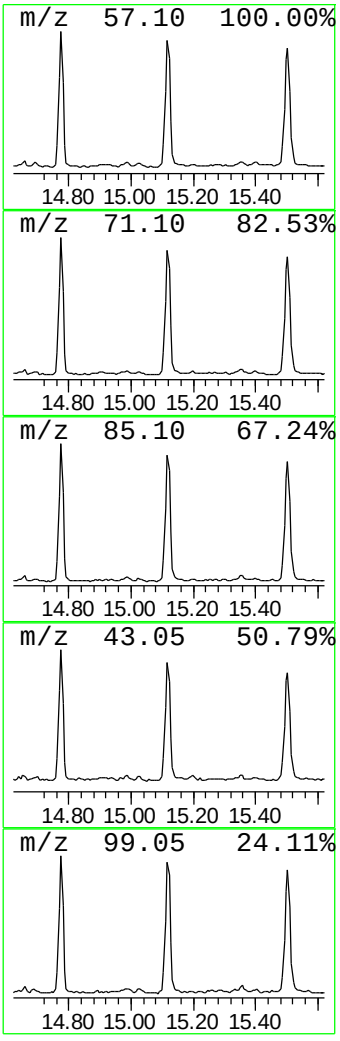
****

Peak Number 8 Docosane, 11-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.88 ng	578663	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

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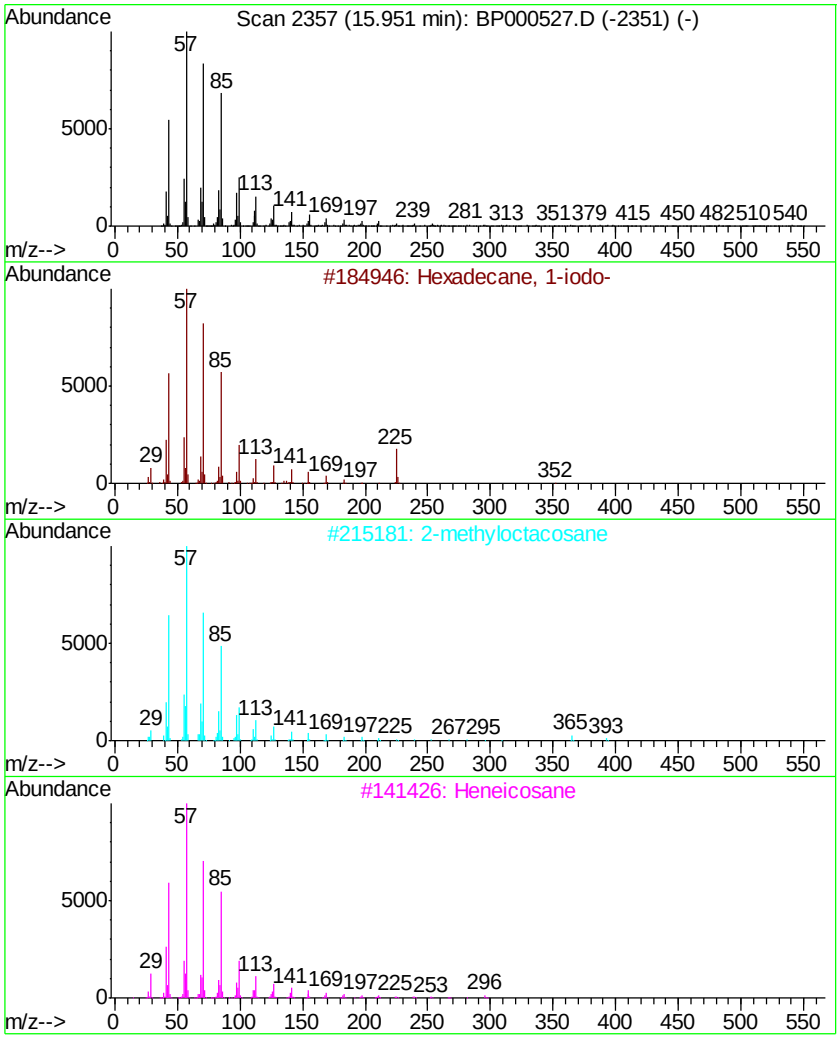
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

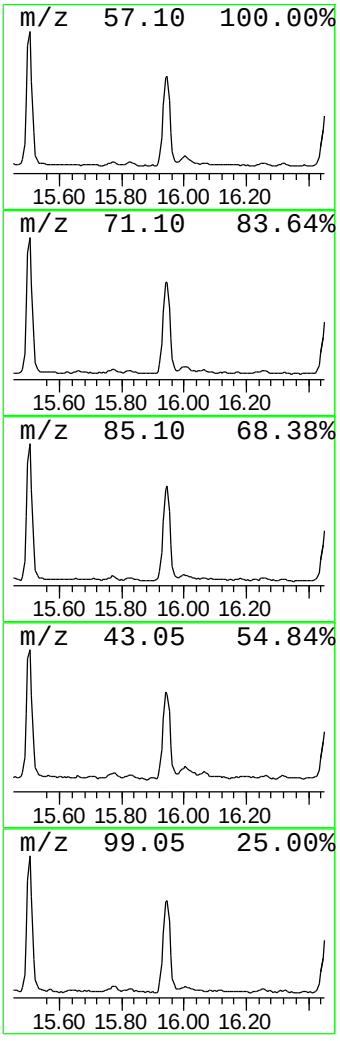
****

Peak Number 9 Hexadecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	4.09 ng	484821	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
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	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-104I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

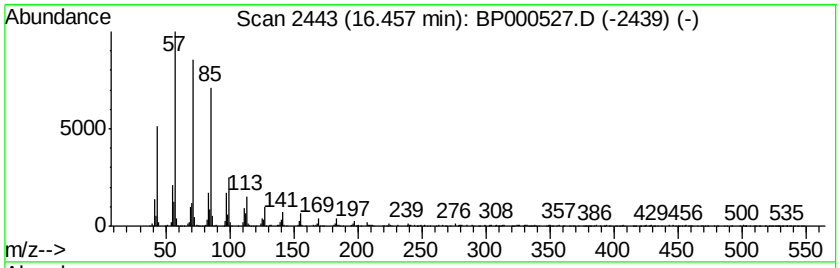
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

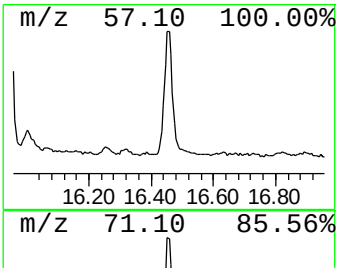
****

Peak Number 10 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.09 ng	366672	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100419\
Data File : BP000527.D
Acq On : 04 Oct 2019 23:13
Operator : JU
Sample : K5154-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-104I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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
unknown6.54	6.54	73.0	ng	3586150	1	6.77	982597	20.0
n-Hexadecanoic acid	11.85	6.1	ng	709891	4	11.31	2322090	20.0
Cyclopentadecane	13.83	10.3	ng	1229390	5	13.97	2384560	20.0
Heneicosane, 11-p...	14.16	2.6	ng	308253	5	13.97	2384560	20.0
2-Bromo dodecane	14.46	3.4	ng	409316	5	13.97	2384560	20.0
Heptadecane, 9-he...	14.77	3.9	ng	465130	6	15.46	2370470	20.0
Docosane, 11-butyl-	15.12	4.9	ng	578663	6	15.46	2370470	20.0
Hexadecane, 1-iodo-	15.95	4.1	ng	484821	6	15.46	2370470	20.0
Nonadecane	16.46	3.1	ng	366672	6	15.46	2370470	20.0