LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000558.D
Acq On : 07 Oct 2019 21:21
Operator : JU
Sample : K5154-25
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-101I

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	2.340	34	43	49	rVB	132709	201948	2.16%	0.332%
2	2.470	61	65	78	rVB	70187	99398	1.07%	0.164%
3	4.475	401	406	417	rBV	1147767	1325279	14.20%	2.182%
4	5.393	558	562	565	rBV	4262376	3745592	40.14%	6.166%
5	6.405	730	734	750	rBV	3358083	3061679	32.81%	5.040%
6	6.540	753	757	760	rBV	6721604	5853369	62.72%	9.636%
7	6.763	792	795	799	rBV	1930120	1519354	16.28%	2.501%
8	6.922	818	822	825	rBV	5988601	4865375	52.13%	8.010%
9	7.328	886	891	894	rBV	3792272	3518054	37.70%	5.792%
10	8.046	1010	1013	1017	rBV	2238114	1901193	20.37%	3.130%
11	8.440	1076	1080	1085	rBV	244730	208408	2.23%	0.343%
12	9.128	1193	1197	1201	rBV	8501672	7658142	82.06%	12.607%
13	9.522	1261	1264	1268	rBV	512527	395899	4.24%	0.652%
14	9.810	1310	1313	1317	rVB	3031247	2325157	24.91%	3.828%
15	10.610	1444	1449	1452	rBV	5185290	4833971	51.80%	7.958%
16	11.310	1564	1568	1571	rBV	2822553	2425123	25.99%	3.992%
17	11.375	1575	1579	1583	rVB2	110505	116595	1.25%	0.192%
18	11.851	1657	1660	1669	rBV2	344581	361872	3.88%	0.596%
19	12.646	1792	1795	1802	rBV	110914	142792	1.53%	0.235%
20	12.916	1837	1841	1844	rBV	9378876	9332378	100.00%	15.364%
21	13.834	1993	1997	2004	rBV2	480251	695525	7.45%	1.145%
22	13.981	2018	2022	2026	rBV	2905761	2481196	26.59%	4.085%
23	14.157	2049	2052	2058	rBV	199097	196311	2.10%	0.323%
24	14.469	2102	2105	2109	rBV	272218	243034	2.60%	0.400%
25	14.775	2155	2157	2161	rVB	284372	279386	2.99%	0.460%
26	15.122	2213	2216	2220	rVB	309968	340248	3.65%	0.560%
27	15.463	2269	2274	2278	rBV	1822084	2231421	23.91%	3.674%
28	15.504	2278	2281	2289	rVB	287280	384931	4.12%	0.634%

Sum of corrected areas: 60743630

LSC Report - Integrated Chromatogram

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Misc :
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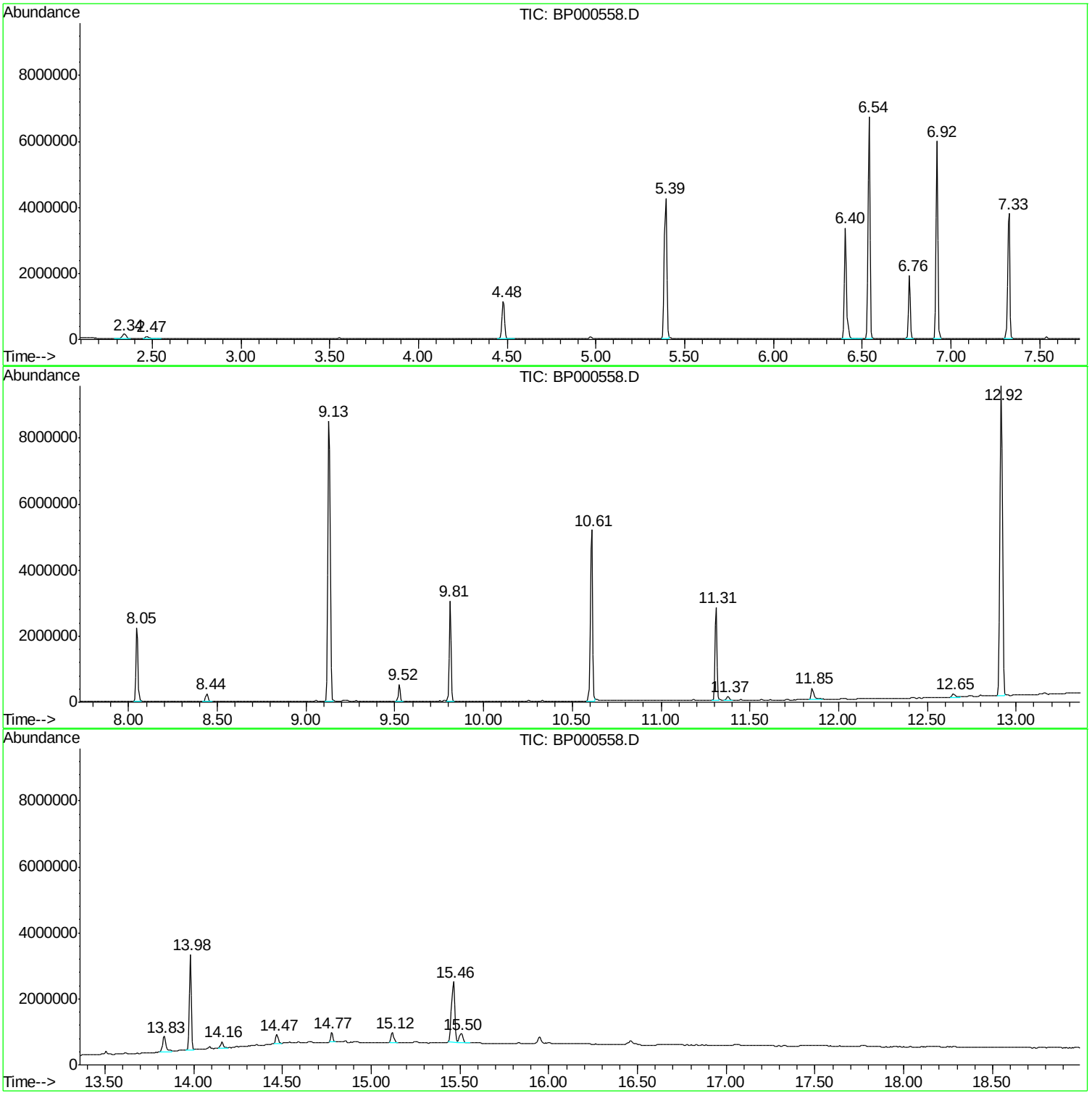
Instrument : BNA_P
ClientSampleId : MW-101I

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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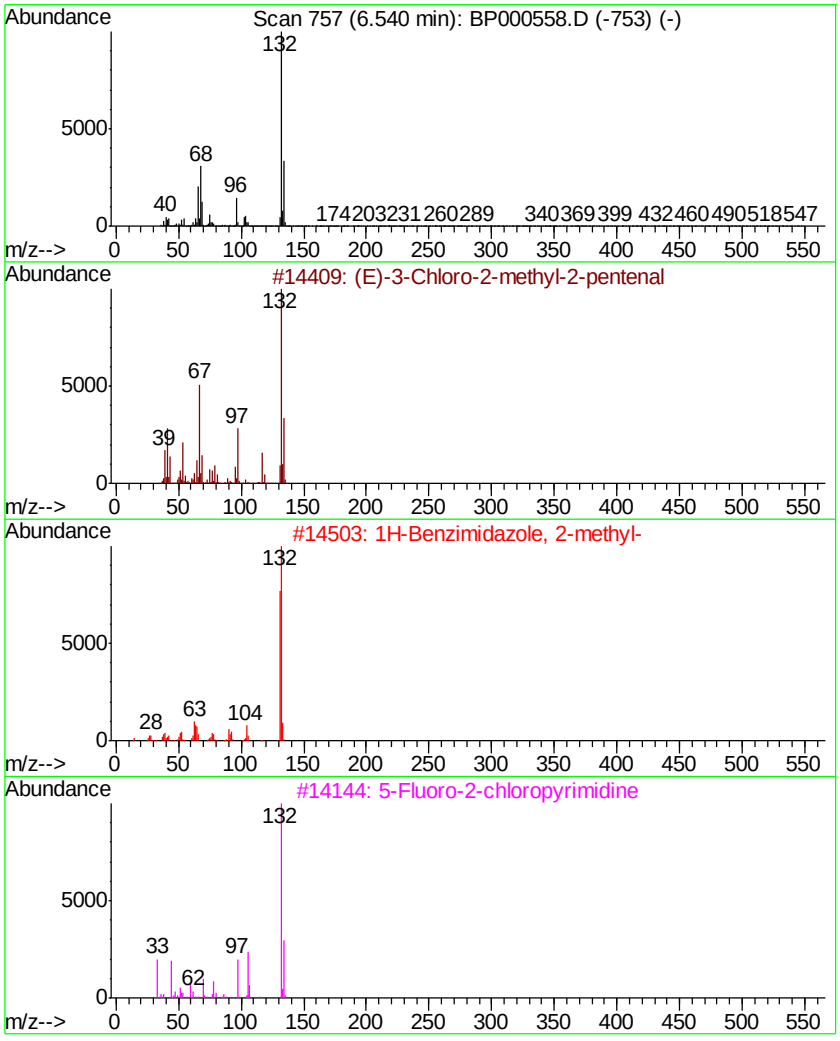
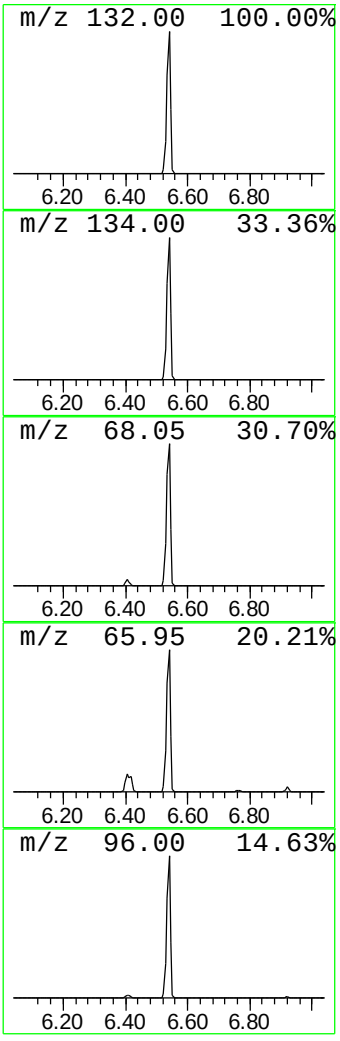
Peak Number 3 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	77.05 ng	5853370	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_P
ClientSampleId : MW-101I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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TIC Library : C:\DATABASE\NIST11.L
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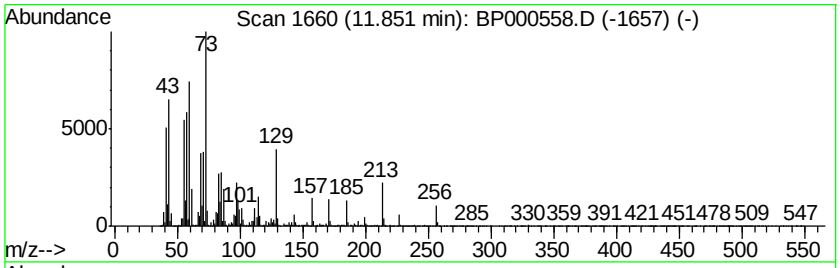
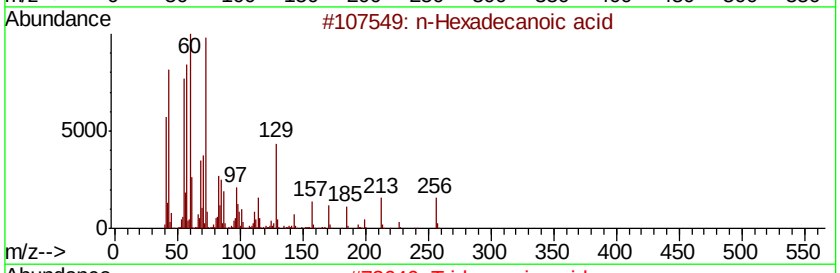
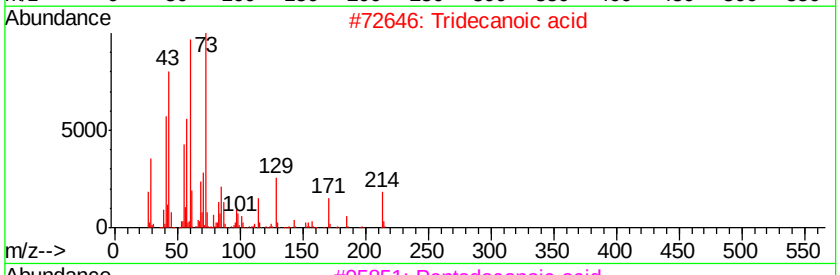
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

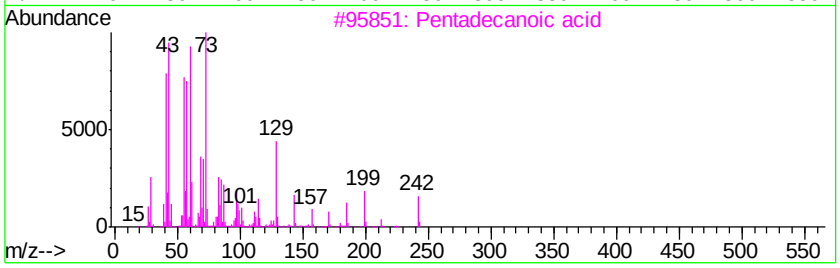
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.98 ng	361872	Phenanthrene-d10	11.31

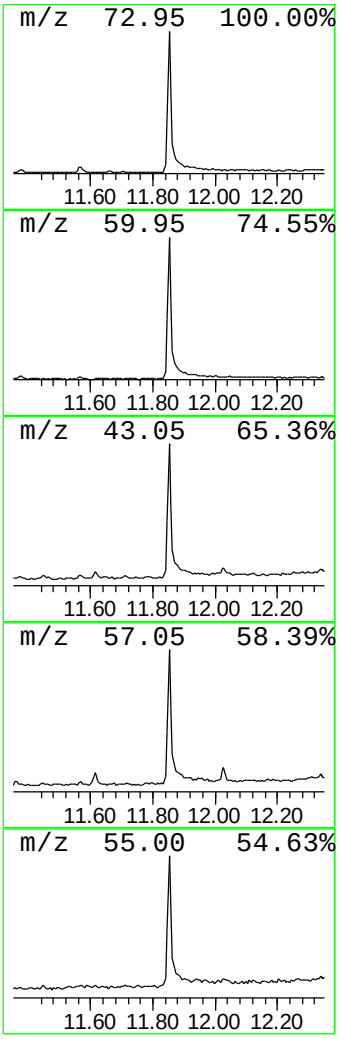
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76











Library Search Compound Report

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ClientSampleId : MW-101I

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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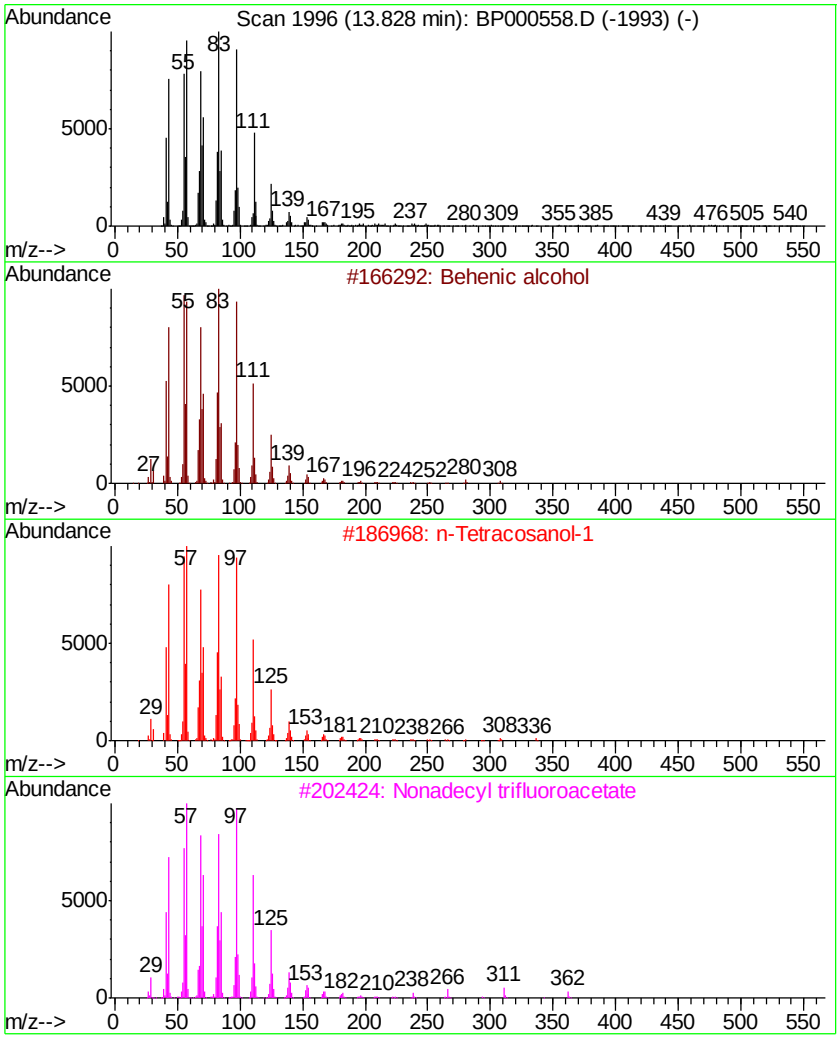
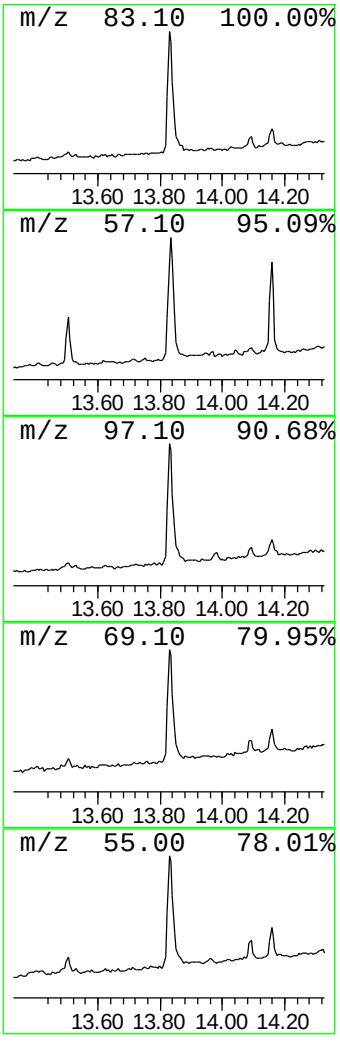
Peak Number 6 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.61 ng	695525	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	92
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Library Search Compound Report

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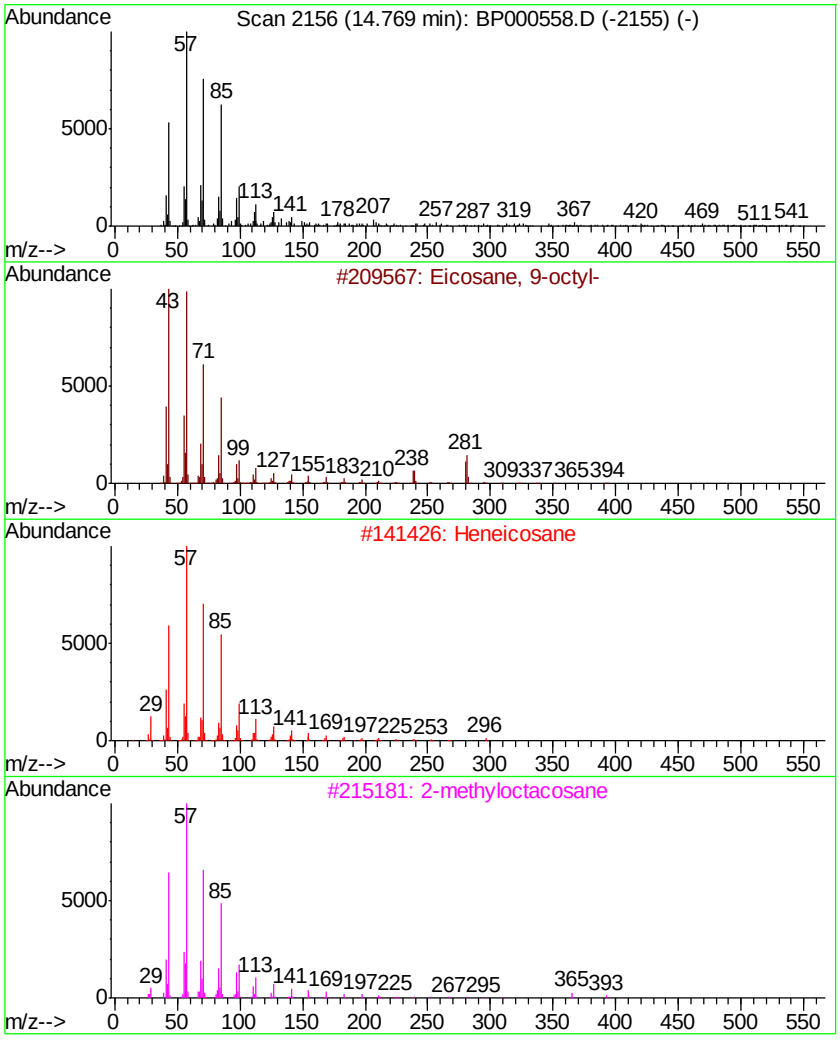
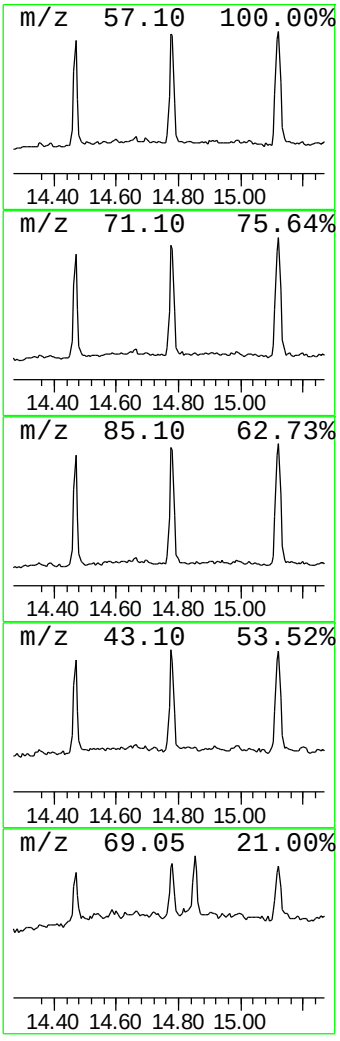
Peak Number 7 Eicosane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.50 ng	279386	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
5	Hexacosane	366	C26H54	000630-01-3	90





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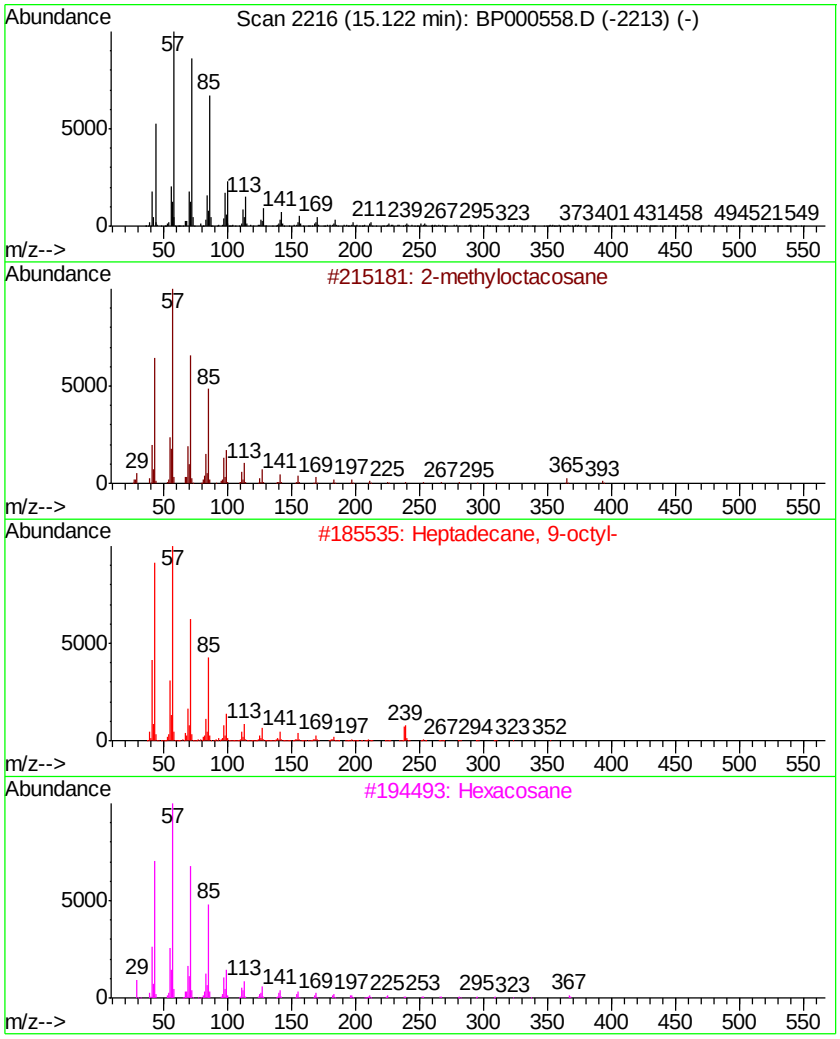
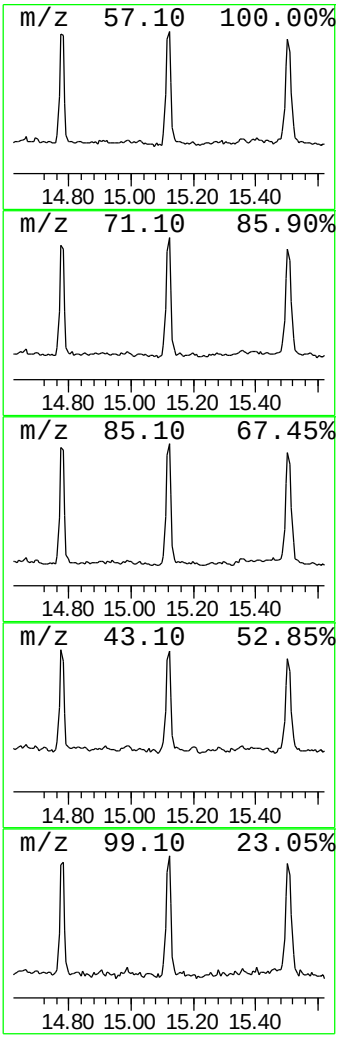
Peak Number 8 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.05 ng	340248	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.54	6.54	77.0	ng	5853370	1	6.76	1519350	20.0
n-Hexadecanoic acid	11.85	3.0	ng	361872	4	11.31	2425120	20.0
Behenic alcohol	13.83	5.6	ng	695525	5	13.98	2481200	20.0
Eicosane, 9-octyl-	14.77	2.5	ng	279386	6	15.46	2231420	20.0
2-methyloctacosane	15.12	3.0	ng	340248	6	15.46	2231420	20.0