LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120435.D
Acq On : 29 May 2020 13:28
Operator : MA/SJ
Sample : L2500-06 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-052220

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_F\METHODS\8270-BF052820.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	1.940	5	9	10	rBV	182756	179890	6.60%	0.782%
2	1.957	10	12	34	rVB	578582	791388	29.05%	3.439%
3	2.116	34	39	47	rVB	278070	352423	12.94%	1.531%
4	5.445	601	605	608	rBV	992665	829965	30.47%	3.606%
5	6.451	772	776	779	rBV	1171002	906262	33.27%	3.938%
6	6.833	837	841	845	rBV	2196797	1863984	68.42%	8.099%
7	6.992	864	868	871	rVB	1019402	897425	32.94%	3.899%
8	7.392	932	936	939	rBV	732576	615055	22.58%	2.673%
9	8.116	1055	1059	1063	rBV	2736514	2481366	91.09%	10.782%
10	9.192	1237	1242	1245	rBV	1619806	1349167	49.53%	5.862%
11	9.586	1305	1309	1313	rBV	149557	127288	4.67%	0.553%
12	9.874	1350	1358	1361	rBV	2956157	2724197	100.00%	11.837%
13	10.651	1487	1490	1494	rBV	728635	609404	22.37%	2.648%
14	10.780	1508	1512	1517	rVB3	46333	61314	2.25%	0.266%
15	11.227	1585	1588	1591	rBV2	51817	45099	1.66%	0.196%
16	11.257	1591	1593	1599	rVB3	32602	34926	1.28%	0.152%
17	11.357	1606	1610	1613	rBV	2987296	2480435	91.05%	10.778%
18	11.651	1658	1660	1664	rBV	49616	41609	1.53%	0.181%
19	11.963	1710	1713	1716	rBV	30884	31676	1.16%	0.138%
20	12.057	1726	1729	1732	rBV	51707	43220	1.59%	0.188%
21	12.404	1785	1788	1791	rBV	40953	38527	1.41%	0.167%
22	12.451	1791	1796	1799	rVB4	62271	84082	3.09%	0.365%
23	12.562	1812	1815	1818	rBV	204757	168648	6.19%	0.733%
24	12.792	1849	1854	1857	rBV	219323	212819	7.81%	0.925%
25	12.821	1857	1859	1861	rVB2	59448	44321	1.63%	0.193%
26	12.939	1875	1879	1882	rBV	1192802	999046	36.67%	4.341%
27	13.121	1908	1910	1913	rVB	43923	35357	1.30%	0.154%
28	13.174	1917	1919	1923	rVB3	67711	75076	2.76%	0.326%
29	13.221	1925	1927	1931	rBV3	34205	42991	1.58%	0.187%
30	13.421	1958	1961	1966	rBV5	45511	50607	1.86%	0.220%
31	13.521	1975	1978	1980	rBV2	67109	63516	2.33%	0.276%
32	13.851	2031	2034	2043	rVB4	116664	174851	6.42%	0.760%
33	13.992	2053	2058	2061	rBV	1920672	1797705	65.99%	7.811%
34	14.015	2061	2062	2064	rVB	112503	58261	2.14%	0.253%

LSC Area Percent Report

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Sample : L2500-06 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-052220

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_F\METHODS\8270-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.162	2085	2087	2092	rVB	74728	64527	2.37%	0.280%
36	14.468	2136	2139	2141	rBV	112445	95991	3.52%	0.417%
37	14.774	2188	2191	2193	rBV	82162	80112	2.94%	0.348%
38	15.021	2230	2233	2242	rVB	117079	243266	8.93%	1.057%
39	15.109	2245	2248	2253	rVB2	174967	195875	7.19%	0.851%
40	15.315	2281	2283	2286	rVB	95919	87765	3.22%	0.381%
41	15.380	2291	2294	2297	rVB	100959	109834	4.03%	0.477%
42	15.445	2300	2305	2309	rBV	1342796	1596493	58.60%	6.937%
43	15.921	2382	2386	2391	rBV	158938	228300	8.38%	0.992%

Sum of corrected areas: 23014063

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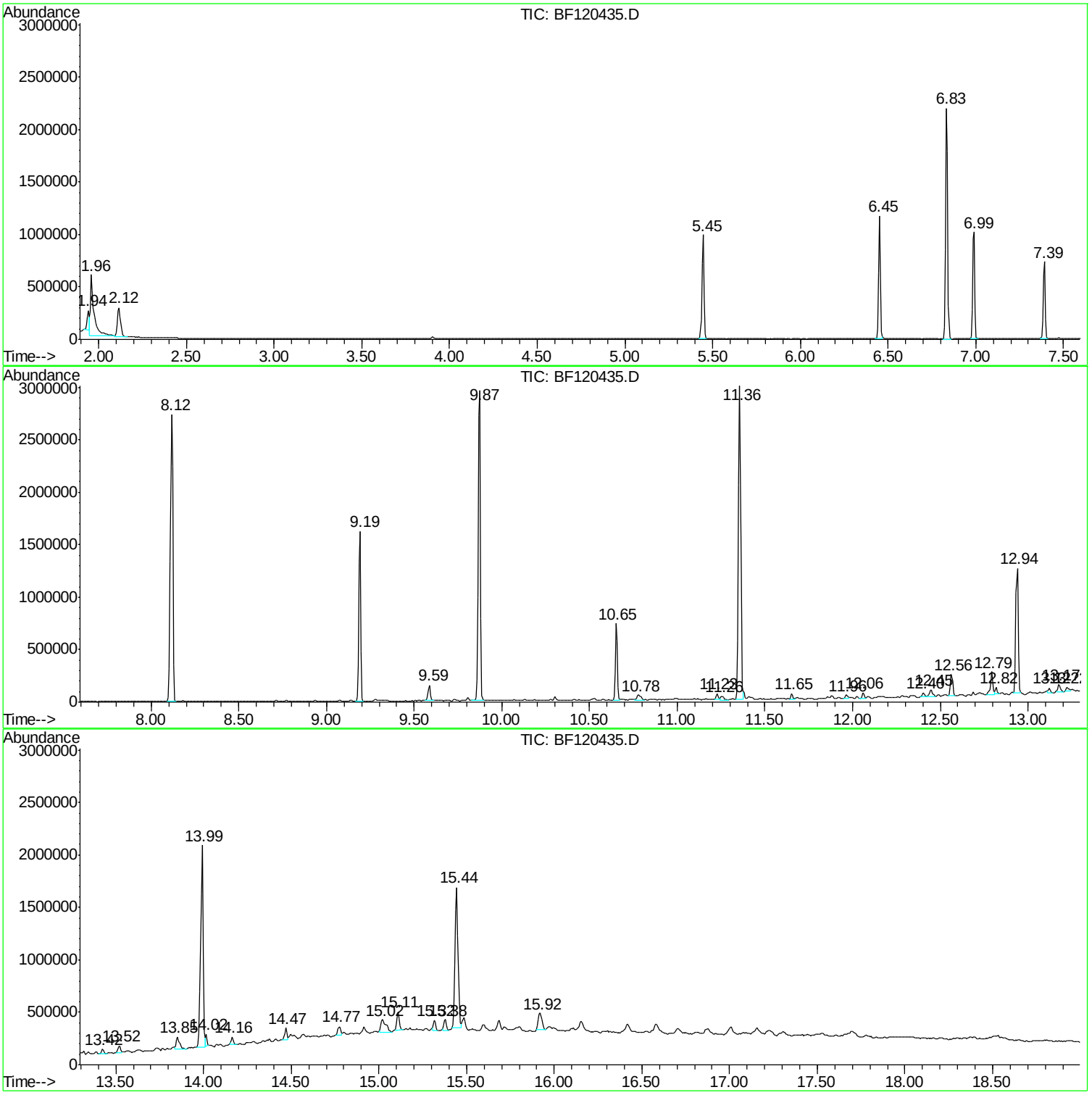
BNA_F
ClientSampleId :
OK-03-052220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-052220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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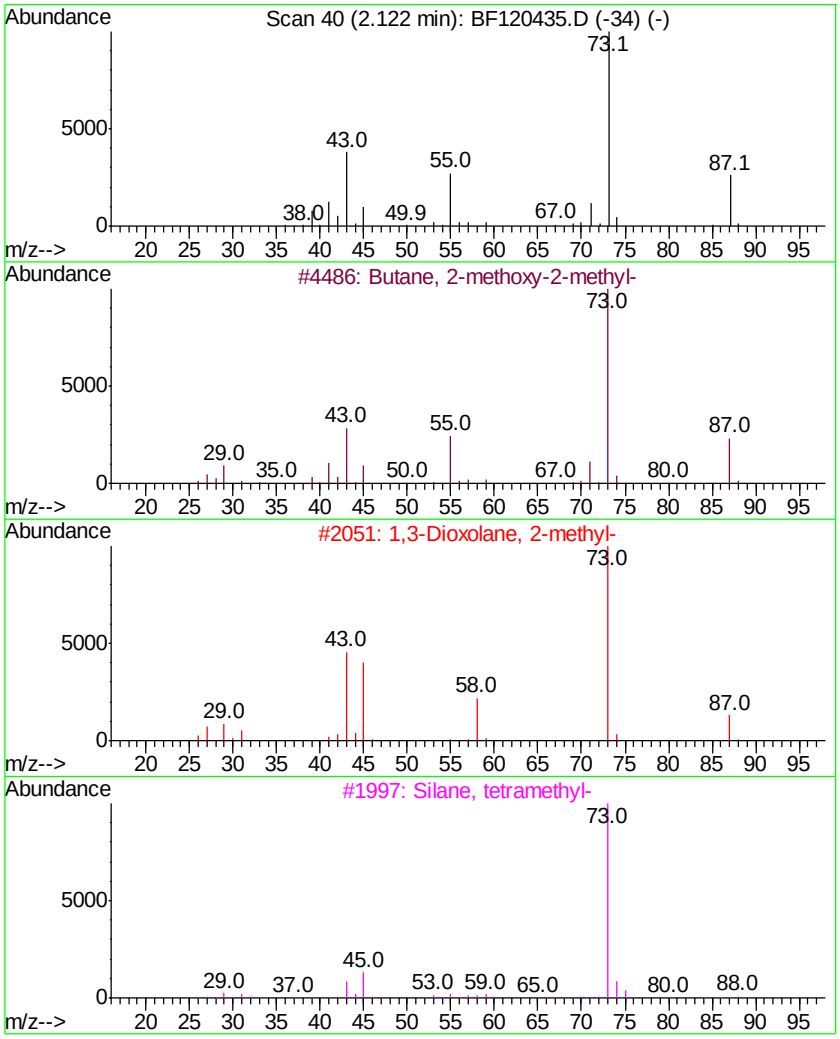
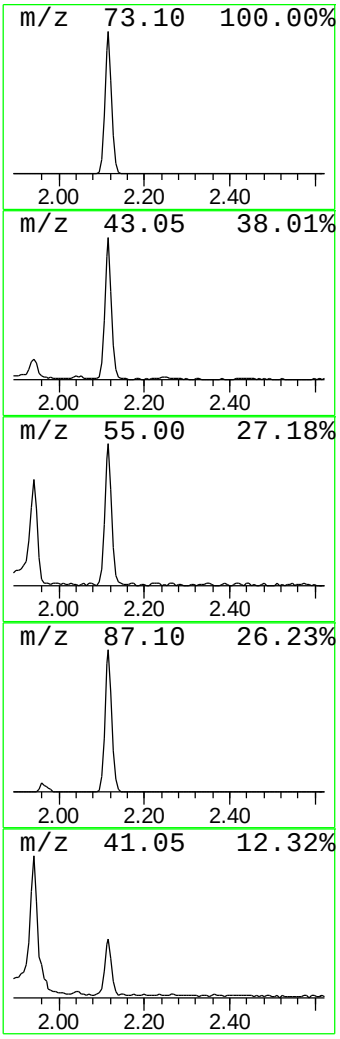
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	3.78 ng	352423	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_F
ClientSampleId : OK-03-052220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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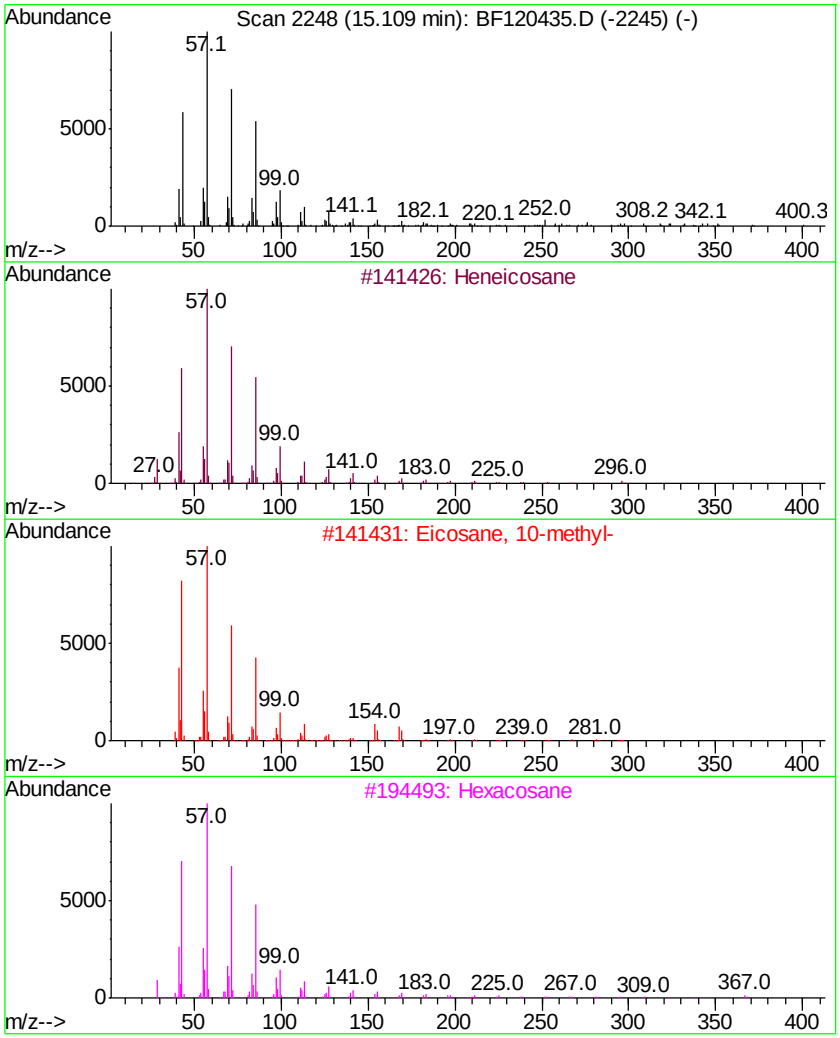
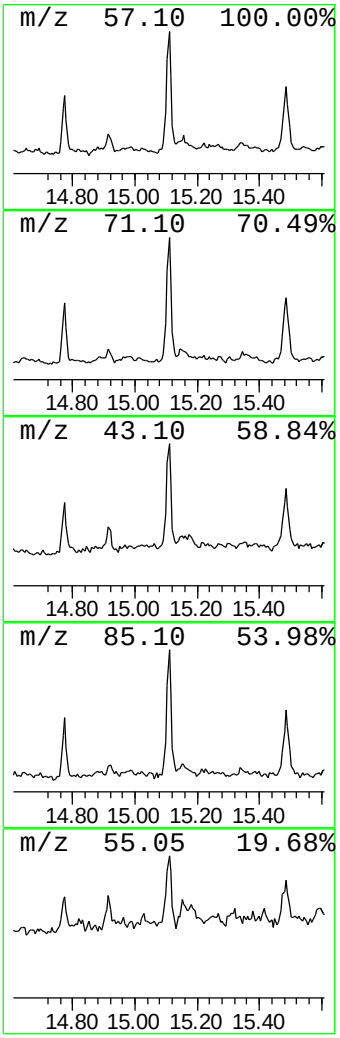
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.45 ng	195875	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : OK-03-052220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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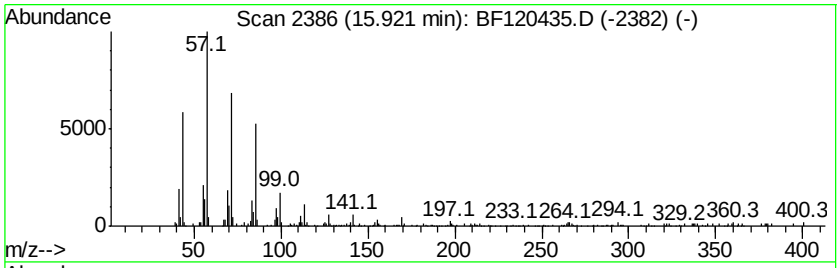
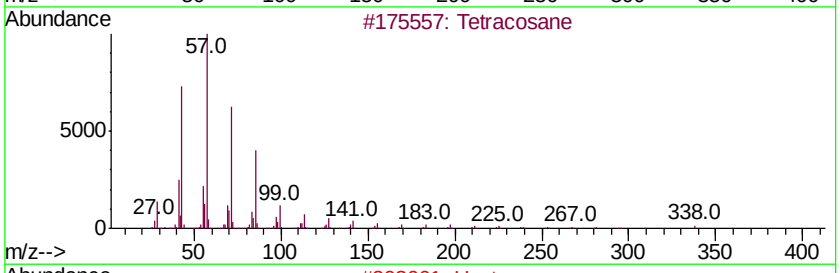
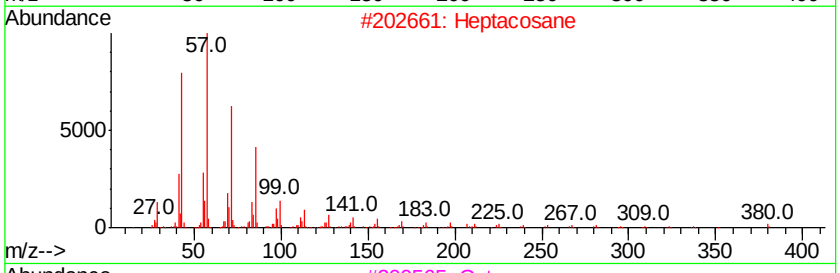
Peak Number 6 Tetracosane Concentration Rank 4

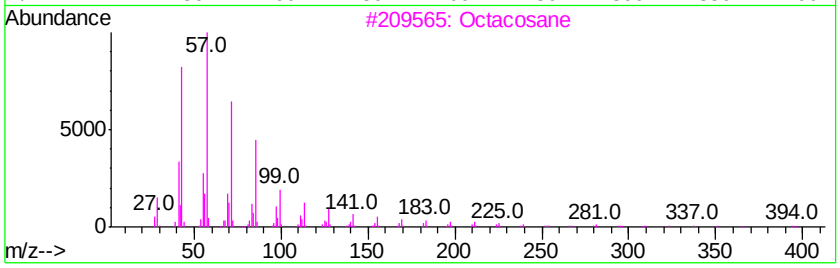
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.86 ng	228300	Perylene-d12	15.44

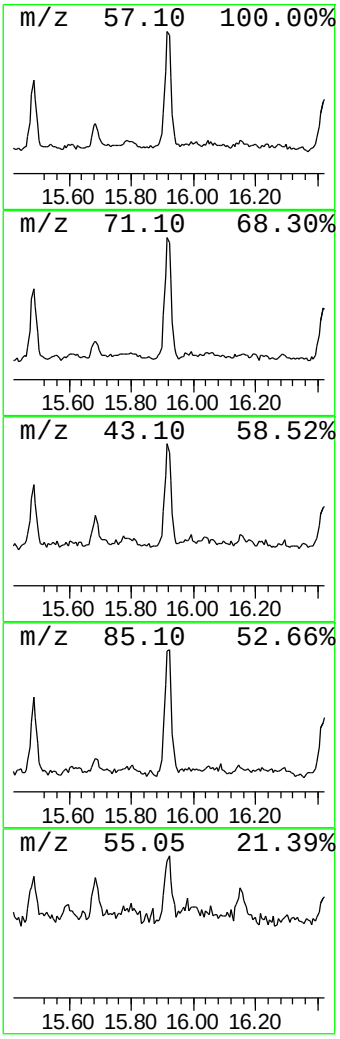
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptacosane	380	C27H56	000593-49-7	95
3	Octacosane	394	C28H58	000630-02-4	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90











Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Butane, 2-methoxy...	2.12	3.8	ng	352423	1	6.83	1863980	20.0
Heneicosane	15.11	2.5	ng	195875	6	15.44	1596490	20.0
Tetracosane	15.92	2.9	ng	228300	6	15.44	1596490	20.0