LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144395.D
Acq On : 01 Dec 2025 19:11
Operator : RC/JU
Sample : Q3719-14 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-17B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144395.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.910	287	292	298	rBV	4455	7385	1.23%	0.157%
2	5.063	480	488	497	rBV	26474	39494	6.58%	0.839%
3	5.487	555	560	574	rBV	78949	125278	20.88%	2.661%
4	6.498	727	732	748	rBV	69945	129370	21.57%	2.748%
5	6.863	788	794	807	rVB	281724	363162	60.54%	7.713%
6	7.422	884	889	898	rBV	52021	75126	12.52%	1.596%
7	8.145	1006	1012	1024	rBV	339689	437849	72.99%	9.299%
8	8.751	1108	1115	1122	rBV4	4190	6904	1.15%	0.147%
9	9.216	1190	1194	1203	rBV	113444	149573	24.93%	3.177%
10	9.904	1306	1311	1320	rBV	352880	470897	78.50%	10.001%
11	10.451	1400	1404	1408	rBV	10010	12722	2.12%	0.270%
12	10.616	1427	1432	1437	rVB2	11200	15291	2.55%	0.325%
13	10.698	1441	1446	1452	rBV	52587	73568	12.26%	1.562%
14	10.998	1491	1497	1501	rBV6	5475	10242	1.71%	0.218%
15	11.251	1535	1540	1543	rBV2	13853	18643	3.11%	0.396%
16	11.286	1543	1546	1553	rVB3	5925	10777	1.80%	0.229%
17	11.392	1559	1564	1573	rBV2	379991	599904	100.00%	12.741%
18	11.469	1573	1577	1581	rVB	19225	24366	4.06%	0.517%
19	11.633	1600	1605	1608	rBV2	7613	10886	1.81%	0.231%
20	11.921	1646	1654	1659	rBV2	22602	55651	9.28%	1.182%
21	12.010	1665	1669	1678	rVB2	18869	35319	5.89%	0.750%
22	12.192	1695	1700	1703	rBV	10693	16279	2.71%	0.346%
23	12.221	1703	1705	1711	rVB6	6087	10921	1.82%	0.232%
24	12.339	1721	1725	1728	rBV6	5859	9227	1.54%	0.196%
25	12.451	1740	1744	1746	rBV	7186	10300	1.72%	0.219%
26	12.480	1746	1749	1751	rVV3	4891	6344	1.06%	0.135%
27	12.574	1761	1765	1767	rBV5	6834	9305	1.55%	0.198%
28	12.610	1767	1771	1776	rBV	128753	162005	27.01%	3.441%
29	12.839	1804	1810	1816	rBV	114919	179226	29.88%	3.806%
30	12.980	1829	1834	1842	rVB	134518	194982	32.50%	4.141%
31	13.063	1844	1848	1853	rVB3	14303	22783	3.80%	0.484%
32	13.204	1869	1872	1875	rBV	16462	18164	3.03%	0.386%
33	13.239	1875	1878	1881	rVV	11830	14643	2.44%	0.311%
34	13.274	1881	1884	1892	rVB4	11504	19132	3.19%	0.406%
35	13.545	1927	1930	1934	rVB	30320	34905	5.82%	0.741%
36	13.874	1983	1986	1993	rVB2	58292	85379	14.23%	1.813%

LSC Area Percent Report

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Misc :
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Instrument :
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SB-1125-17B

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.045	2009	2015	2028	rVB2	365289	573851	95.66%	12.187%
38	14.192	2037	2040	2048	rBV	56601	75076	12.51%	1.594%
39	14.498	2089	2092	2096	rBV	60896	77196	12.87%	1.639%
40	14.804	2141	2144	2151	rBV	44713	62147	10.36%	1.320%
41	15.145	2200	2202	2208	rVB	42675	56676	9.45%	1.204%
42	15.527	2262	2267	2280	rVB	231272	397655	66.29%	8.445%

Sum of corrected areas: 4708603

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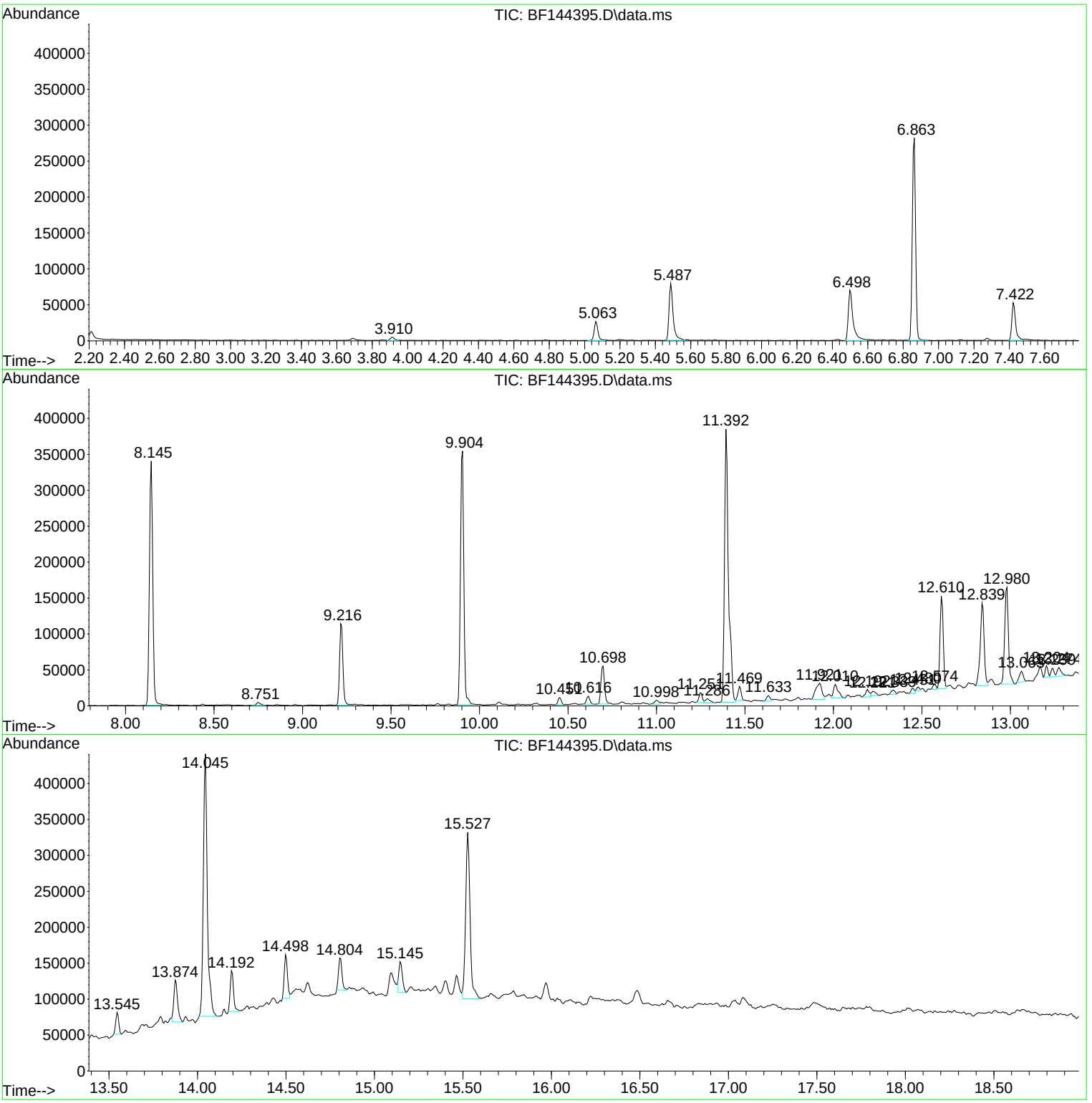
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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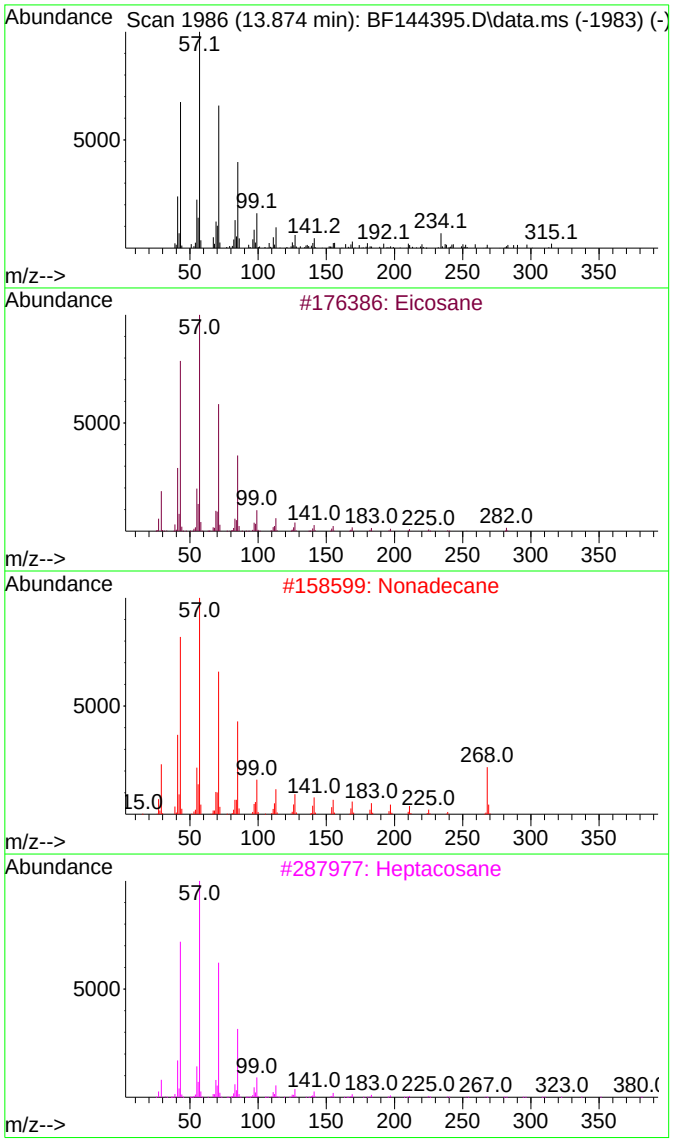
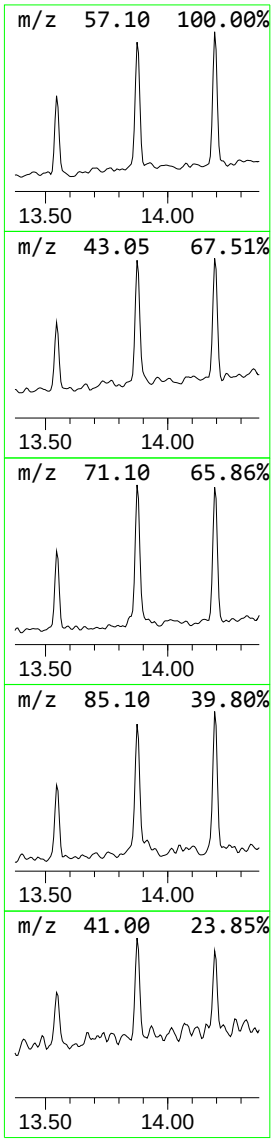
Peak Number 2 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	2.98 ng	85379	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Nonadecane	268	C19H40	000629-92-5	87
3	Heptacosane	380	C27H56	000593-49-7	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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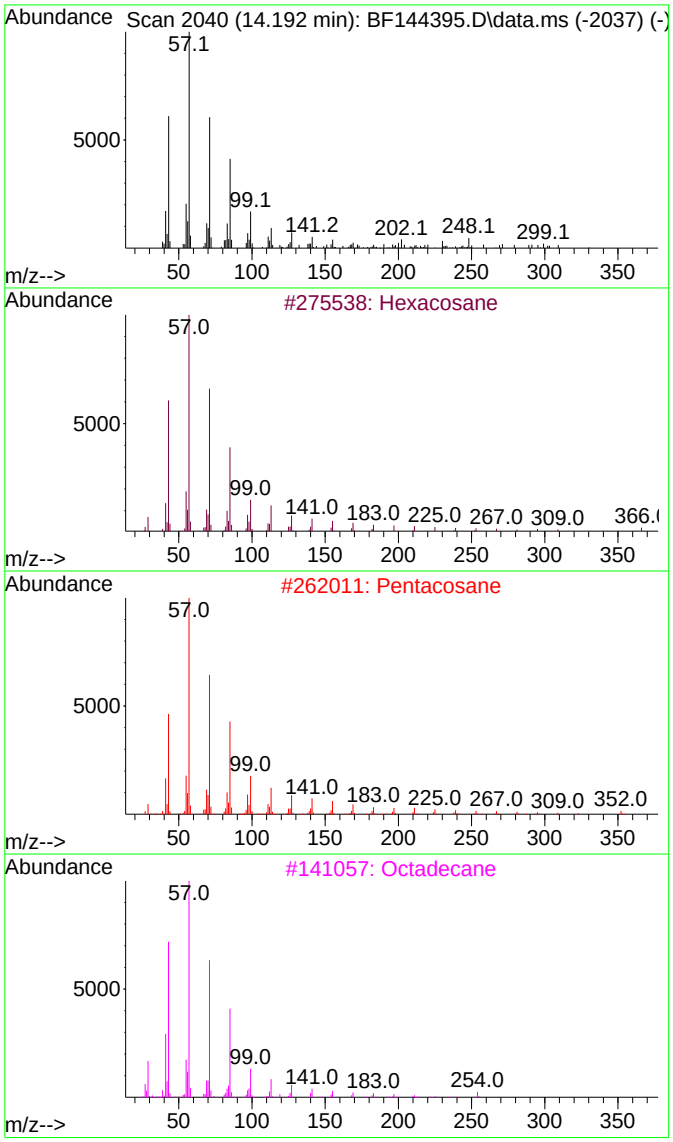
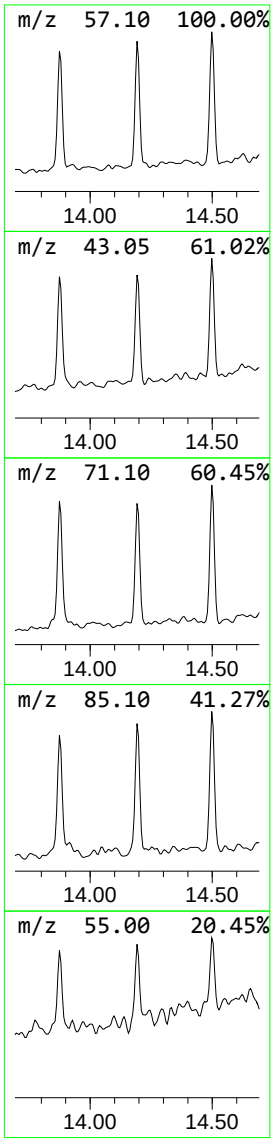
Peak Number 3 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	2.62 ng	75076	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Pentacosane	352	C25H52	000629-99-2	83
3	Octadecane	254	C18H38	000593-45-3	83
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5	Tetracosane	338	C24H50	000646-31-1	83





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-17B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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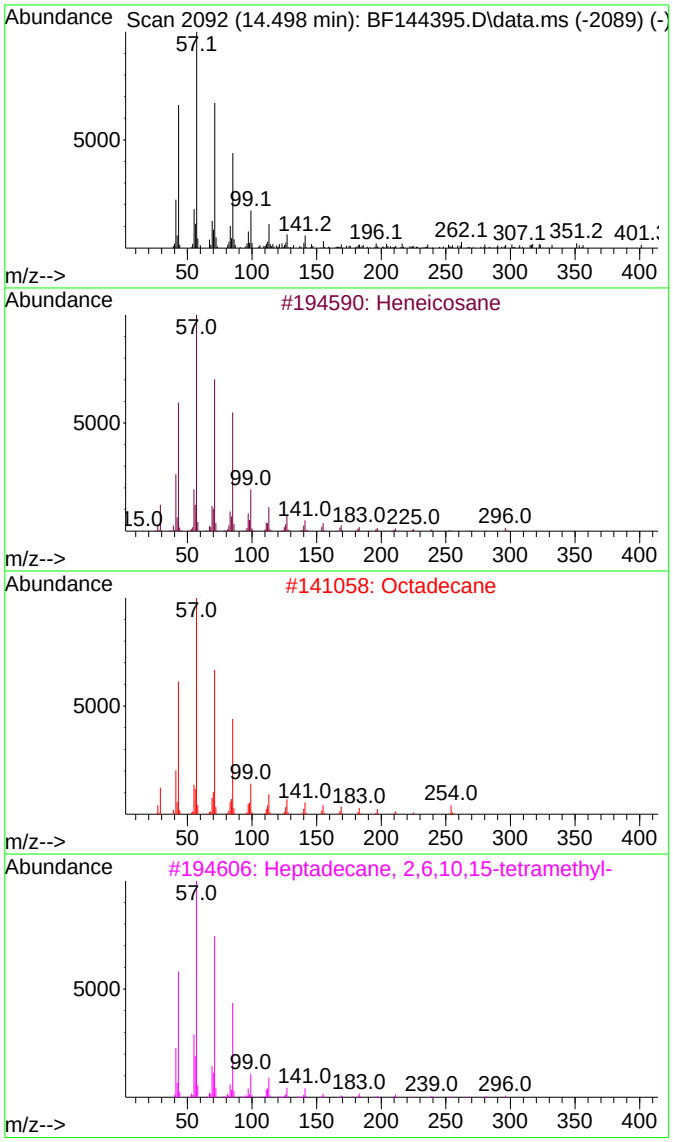
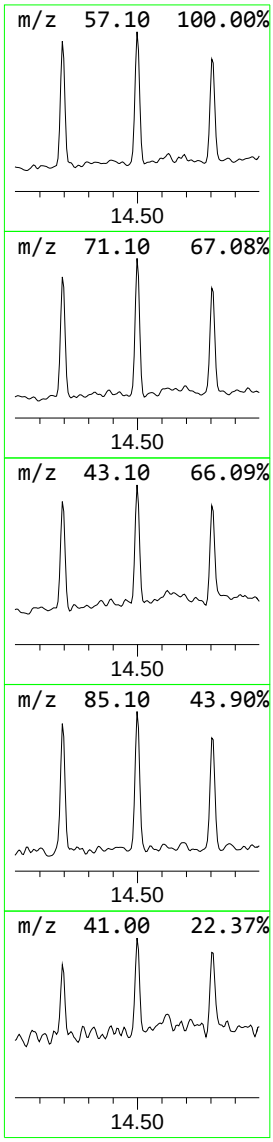
Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	2.69 ng	77196	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octadecane	254	C18H38	000593-45-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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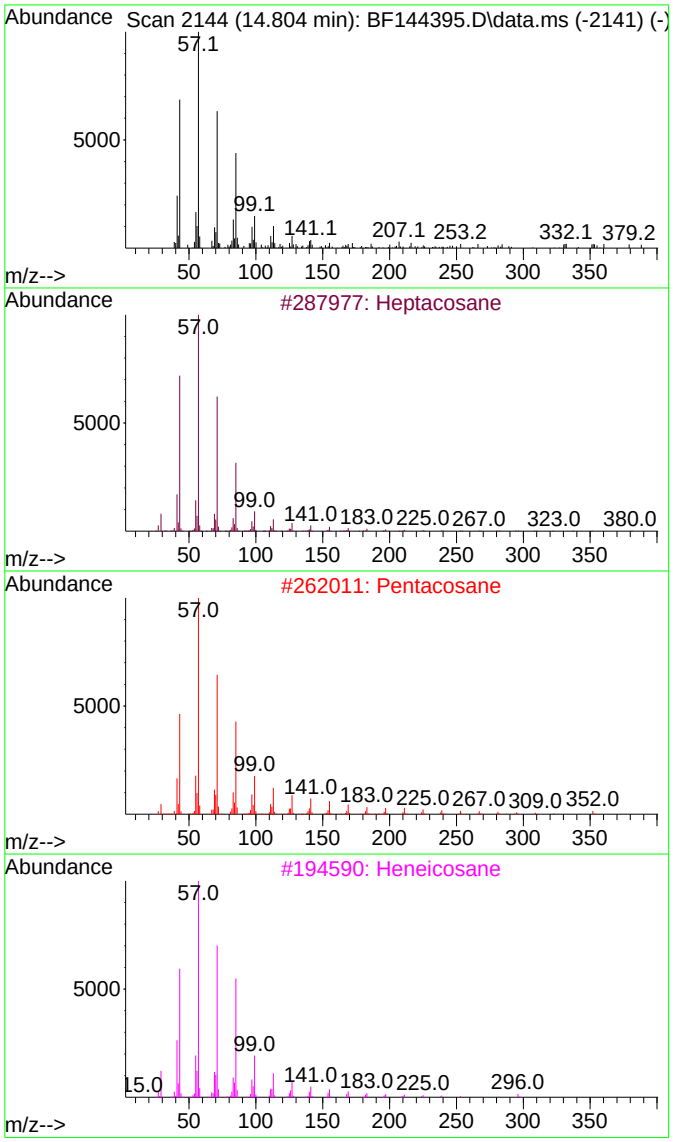
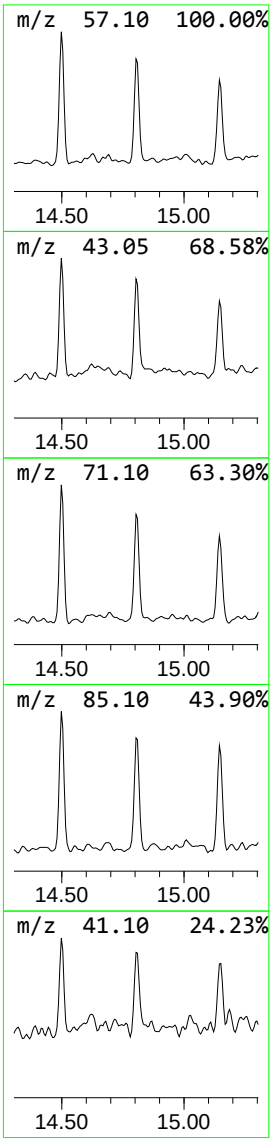
Peak Number 5 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	3.13 ng	62147	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Pentacosane	352	C25H52	000629-99-2	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	74





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Eicosane	13.874	3.0	ng	85379	5	14.045	573851	20.0
Hexacosane	14.192	2.6	ng	75076	5	14.045	573851	20.0
Heneicosane	14.498	2.7	ng	77196	5	14.045	573851	20.0
Heptacosane	14.804	3.1	ng	62147	6	15.527	397655	20.0