LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

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: BF144365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	484	490	500	rBV	215976	320261	27.89%	3.024%
2	5.487	554	560	584	rBV	726240	1002884	87.33%	9.471%
3	6.493	726	731	759	rBV	756957	1036732	90.27%	9.791%
4	6.863	789	794	802	rBV	251044	325245	28.32%	3.072%
5	7.422	884	889	905	rBV	498916	649136	56.52%	6.130%
6	8.139	1003	1011	1019	rBV	316352	435896	37.96%	4.117%
7	9.216	1189	1194	1204	rBV	908023	1148437	100.00%	10.846%
8	9.898	1305	1310	1319	rVB	373833	477886	41.61%	4.513%
9	10.004	1324	1328	1335	rBV2	9494	20678	1.80%	0.195%
10	10.151	1349	1353	1361	rBV	18385	29337	2.55%	0.277%
11	10.304	1371	1379	1388	rBV6	20522	52618	4.58%	0.497%
12	10.616	1427	1432	1439	rBV	90252	115307	10.04%	1.089%
13	10.692	1440	1445	1460	rVB	527824	687147	59.83%	6.489%
14	11.392	1558	1564	1572	rBV	322525	455635	39.67%	4.303%
15	11.469	1573	1577	1580	rBV	10370	13055	1.14%	0.123%
16	11.580	1589	1596	1599	rBV	12447	20794	1.81%	0.196%
17	11.839	1636	1640	1644	rBV3	10050	13843	1.21%	0.131%
18	11.916	1645	1653	1660	rBV2	139994	220697	19.22%	2.084%
19	12.010	1665	1669	1677	rVB3	17965	40470	3.52%	0.382%
20	12.445	1739	1743	1746	rBV	11099	14234	1.24%	0.134%
21	12.610	1766	1771	1775	rBV	100421	135432	11.79%	1.279%
22	12.704	1782	1787	1793	rBV2	26364	37144	3.23%	0.351%
23	12.839	1803	1810	1816	rVB	84752	121938	10.62%	1.152%
24	12.892	1816	1819	1824	rVB4	8537	12109	1.05%	0.114%
25	12.980	1825	1834	1841	rVB	641006	846315	73.69%	7.992%
26	13.057	1841	1847	1854	rBV4	13969	30934	2.69%	0.292%
27	13.163	1859	1865	1870	rVV	17069	33259	2.90%	0.314%
28	13.233	1874	1877	1880	rVV	11389	14555	1.27%	0.137%
29	13.269	1880	1883	1889	rVB2	15814	23154	2.02%	0.219%
30	13.398	1902	1905	1912	rVB2	9800	15692	1.37%	0.148%
31	13.680	1945	1953	1959	rBV	16341	31742	2.76%	0.300%
32	13.792	1967	1972	1974	rBV	13259	21009	1.83%	0.198%
33	13.880	1982	1987	1995	rVB4	52038	102715	8.94%	0.970%
34	14.039	2008	2014	2027	rBV2	333801	593759	51.70%	5.607%
35	14.192	2036	2040	2048	rBV2	16727	31988	2.79%	0.302%
36	14.427	2076	2080	2084	rBV	23126	32399	2.82%	0.306%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1125-11A

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	14.516	2089	2095	2099	rBV5	25816	55453	4.83%	0.524%
38	14.880	2154	2157	2162	rVB	23206	30656	2.67%	0.290%
39	15.092	2187	2193	2200	rBV	93835	219349	19.10%	2.071%
40	15.198	2208	2211	2220	rVB	29992	54490	4.74%	0.515%
41	15.398	2240	2245	2251	rVB	49346	81186	7.07%	0.767%
42	15.457	2251	2255	2260	rVV	75903	118278	10.30%	1.117%
43	15.521	2260	2266	2280	rVB	284316	499848	43.52%	4.720%
44	15.968	2337	2342	2347	rBV	32433	52937	4.61%	0.500%
45	16.480	2424	2429	2441	rBV3	27379	66169	5.76%	0.625%
46	17.021	2515	2521	2527	rBV2	35533	71628	6.24%	0.676%
47	17.174	2540	2547	2557	rBV9	34747	119365	10.39%	1.127%
48	17.474	2593	2598	2609	rVB	22895	55123	4.80%	0.521%

Sum of corrected areas: 10588918

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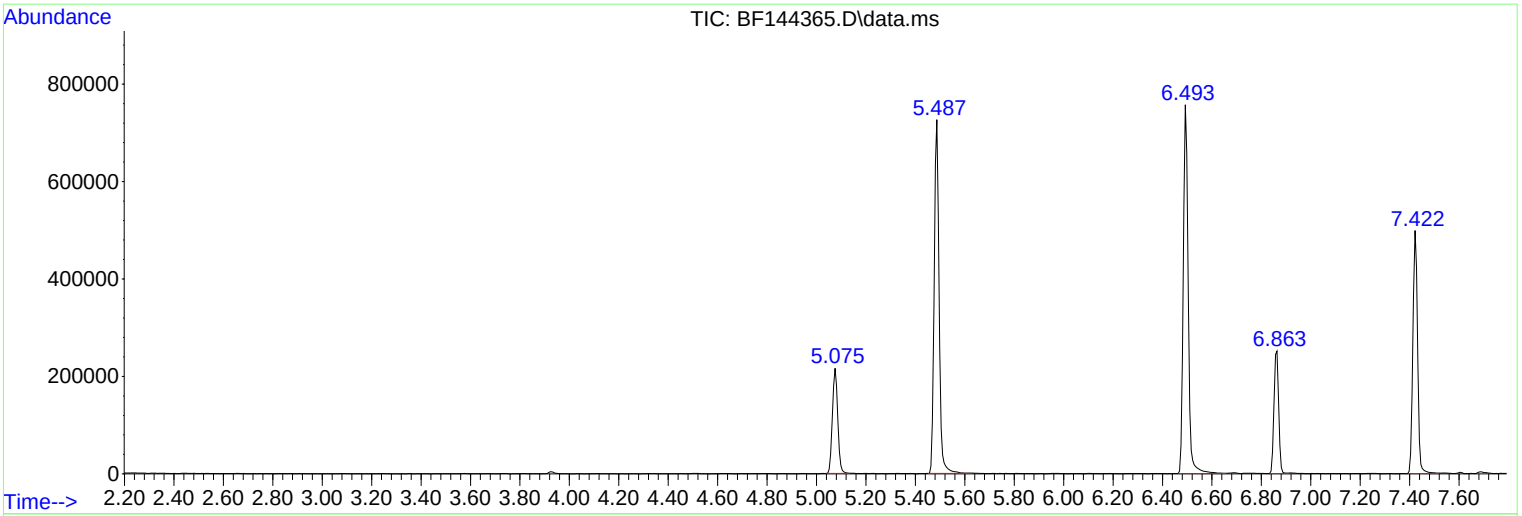
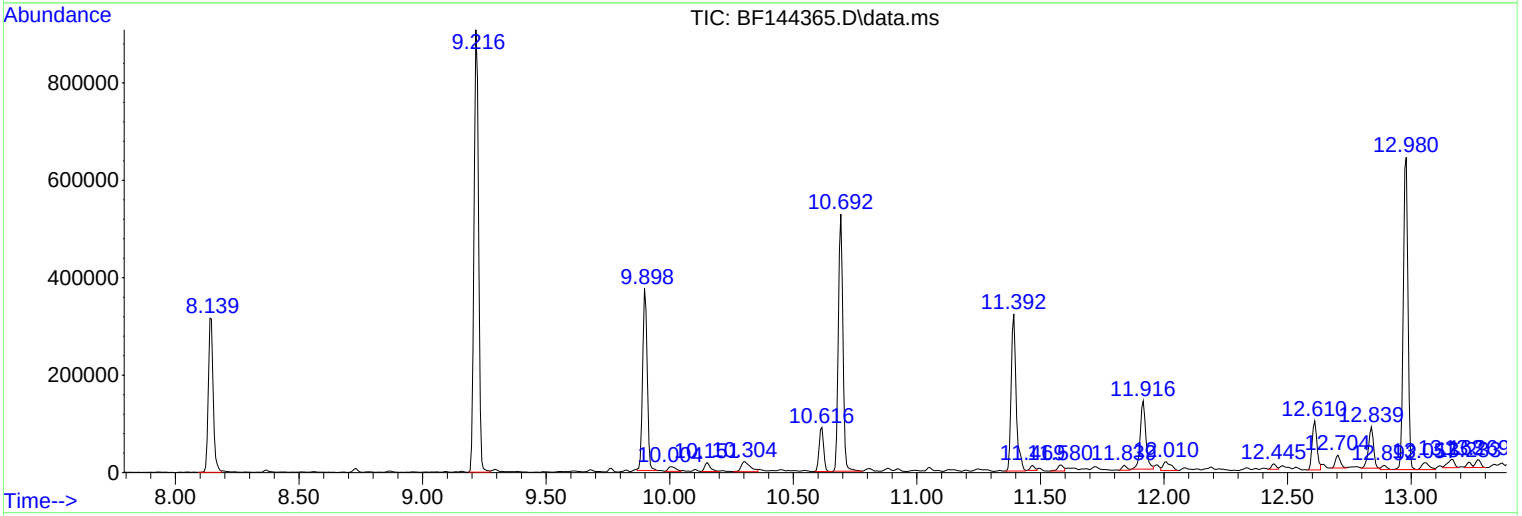
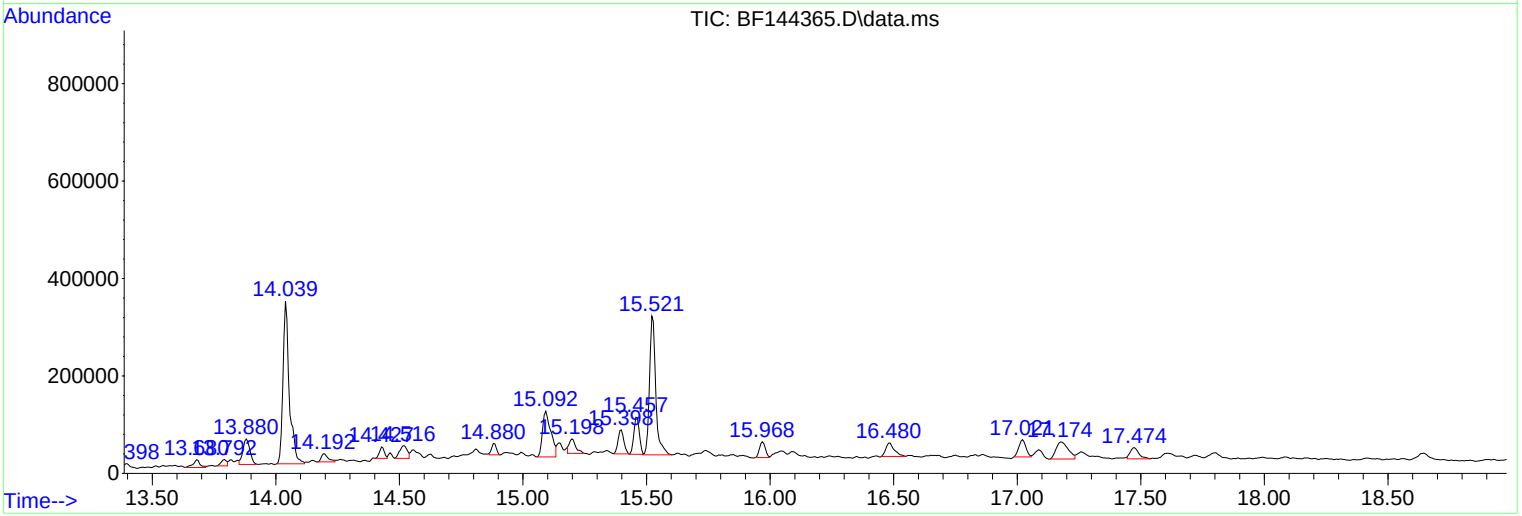
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Data File : BF144365.D
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Operator : RC/JU
Sample : Q3719-03
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Instrument :
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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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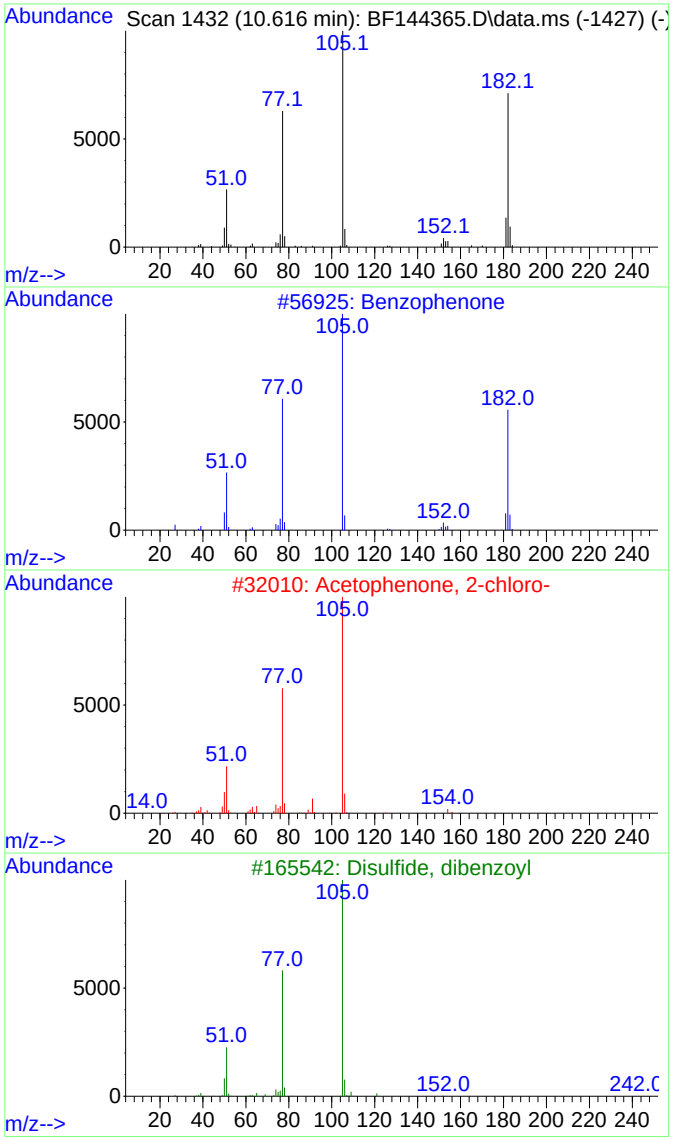
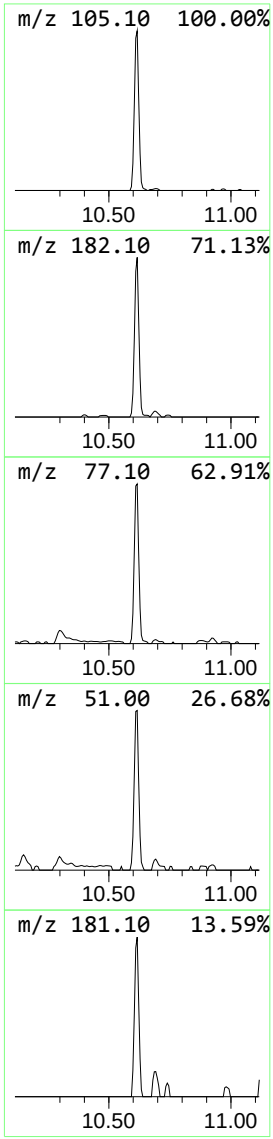
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	4.83 ng	115307	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	43
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43





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Data File : BF144365.D
Acq On : 26 Nov 2025 17:12
Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

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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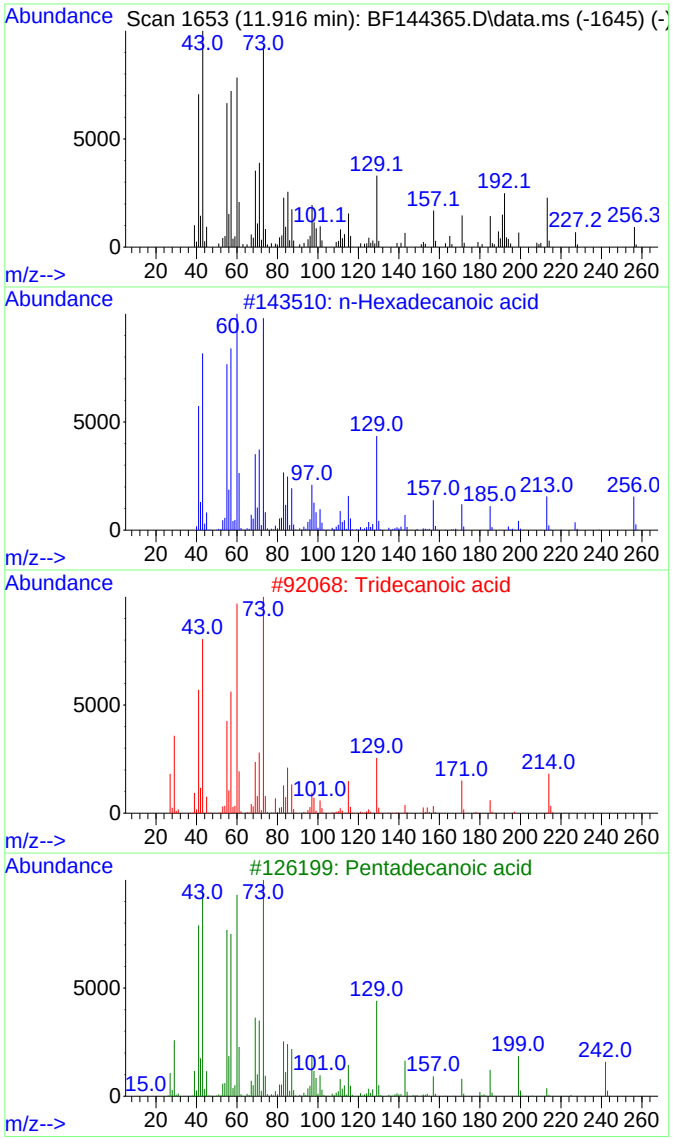
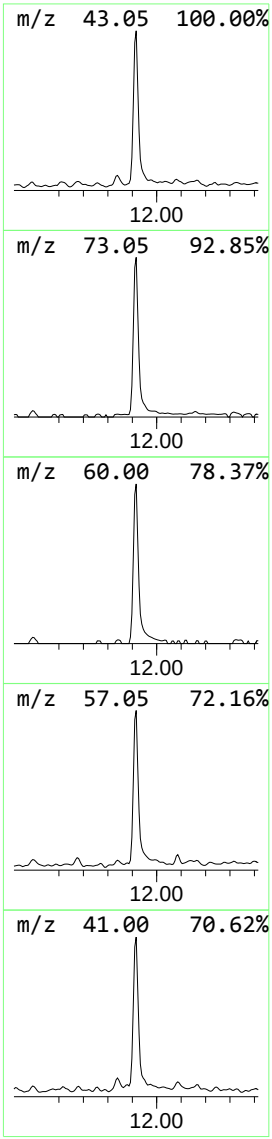
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	9.69 ng	220697	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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Data File : BF144365.D
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Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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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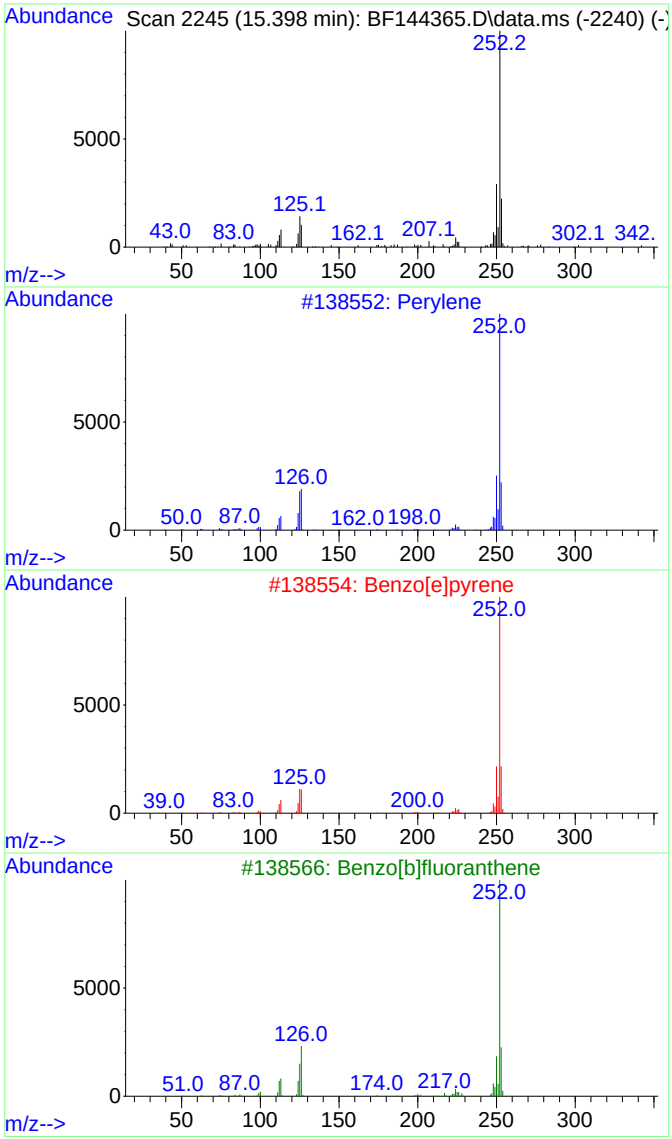
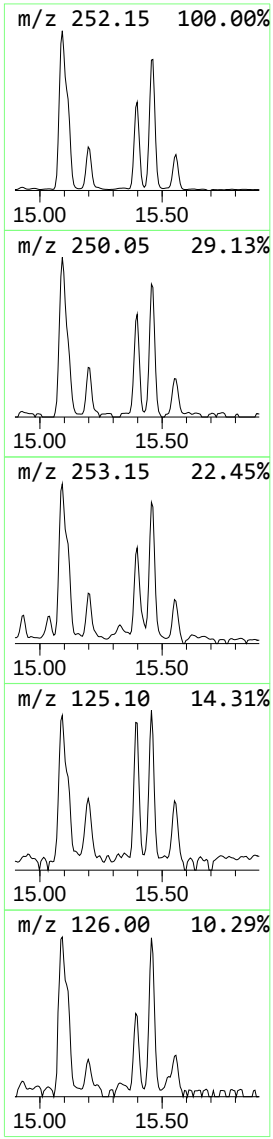
Peak Number 7 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	3.25 ng	81186	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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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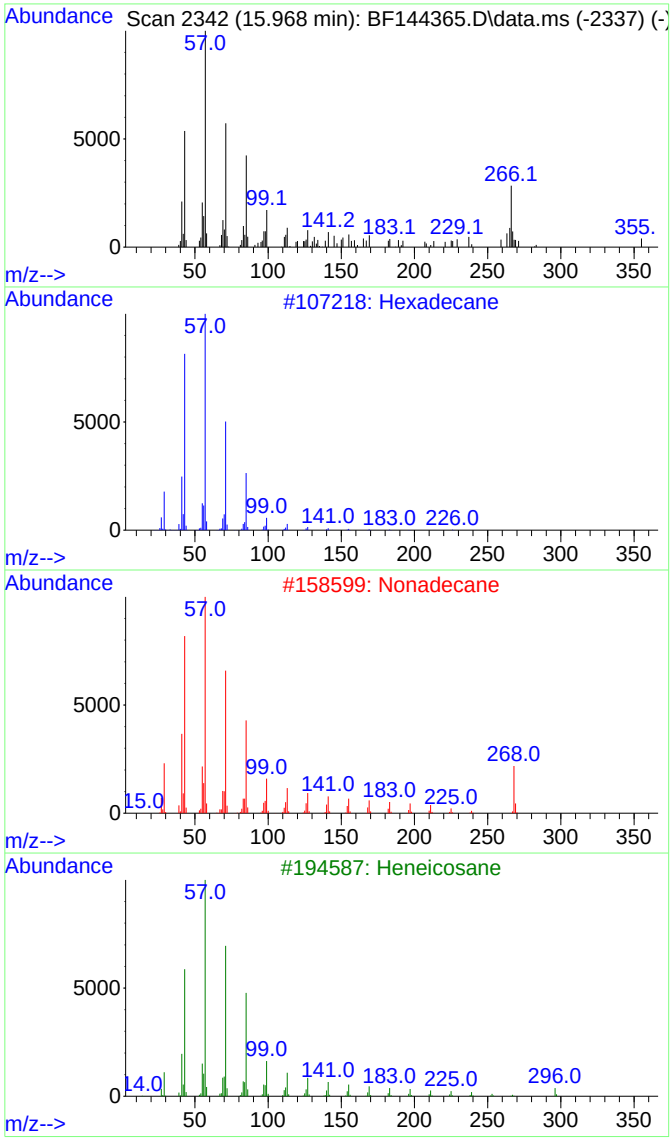
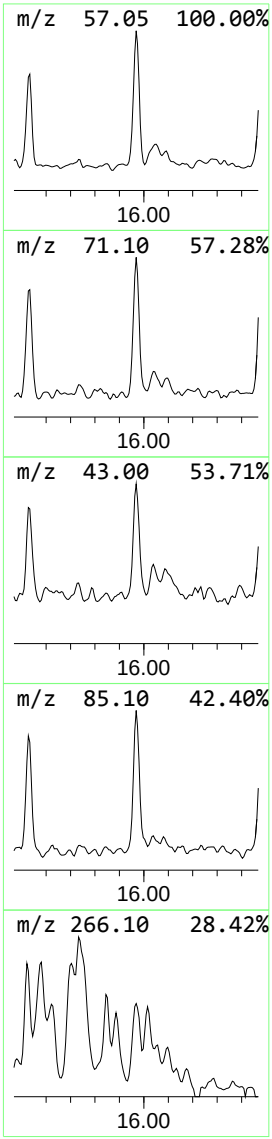
Peak Number 8 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	2.12 ng	52937	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	92
3	Heneicosane	296	C21H44	000629-94-7	70
4	Pentacosane	352	C25H52	000629-99-2	70
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70





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Operator : RC/JU
Sample : Q3719-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-11A

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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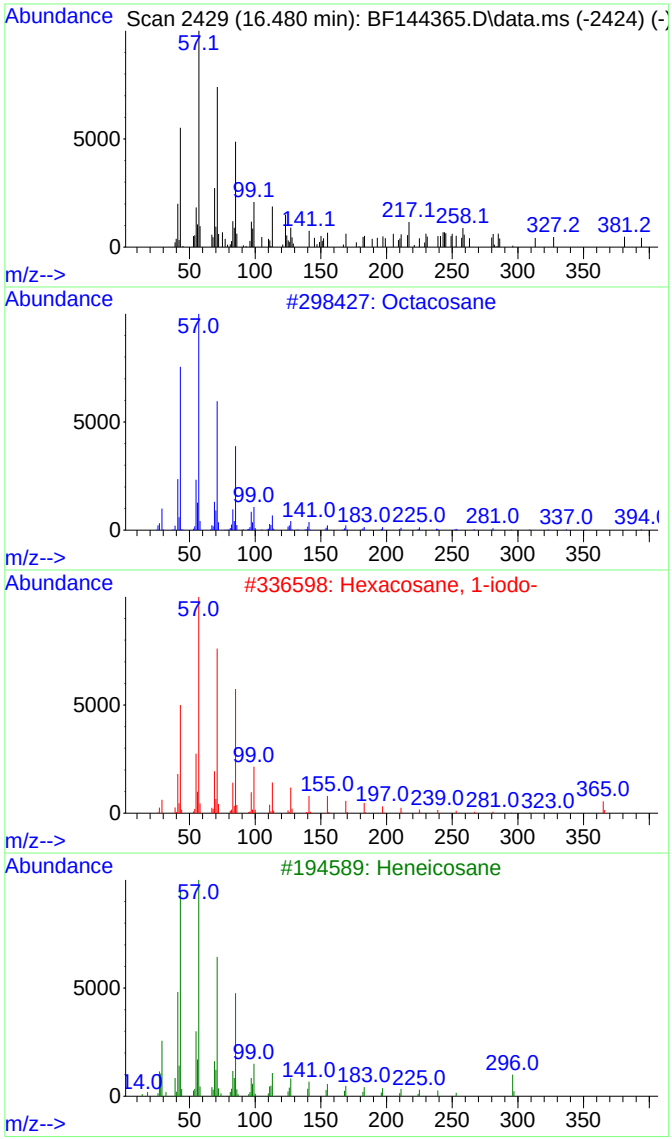
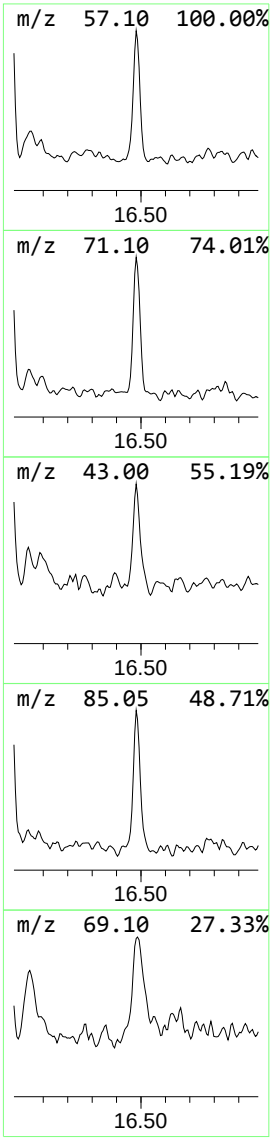
Peak Number 9 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	2.65 ng	66169	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	81
3	Heneicosane	296	C21H44	000629-94-7	81
4	Pentacosane	352	C25H52	000629-99-2	74
5	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
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Misc :
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Instrument :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.616	4.8	ng	115307	3	9.898	477886	20.0
n-Hexadecanoic ...	11.916	9.7	ng	220697	4	11.392	455635	20.0
Perylene	15.398	3.3	ng	81186	6	15.521	499848	20.0
Hexadecane	15.968	2.1	ng	52937	6	15.521	499848	20.0
Octacosane	16.480	2.6	ng	66169	6	15.521	499848	20.0