

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143899.D
 Acq On : 08 Oct 2025 17:07
 Operator : RC/JU
 Sample : Q3266-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-4-6FT

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-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143899.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	477	493	500	rBV2	21723	45624	2.28%	0.283%
2	5.493	555	561	566	rBV	1318625	1747951	87.41%	10.841%
3	6.498	726	732	743	rBV	1377812	1836828	91.85%	11.392%
4	6.881	792	797	802	rBV	482529	591992	29.60%	3.672%
5	7.440	886	892	897	rBV	885295	1131092	56.56%	7.015%
6	7.693	931	935	942	rVB	15591	20369	1.02%	0.126%
7	8.163	1009	1015	1022	rBV	607016	759672	37.99%	4.711%
8	9.239	1192	1198	1203	rBV	1577601	1999748	100.00%	12.402%
9	9.922	1308	1314	1319	rBV	651567	848126	42.41%	5.260%
10	10.634	1429	1435	1442	rBV	187221	229527	11.48%	1.424%
11	10.710	1442	1448	1461	rBV	885331	1176239	58.82%	7.295%
12	11.410	1561	1567	1574	rBV	674041	880326	44.02%	5.460%
13	11.939	1652	1657	1668	rVV	277505	453367	22.67%	2.812%
14	12.022	1668	1671	1681	rVB5	15286	31464	1.57%	0.195%
15	12.628	1769	1774	1785	rBV	54538	126041	6.30%	0.782%
16	12.722	1786	1790	1801	rVB3	46331	78104	3.91%	0.484%
17	12.810	1801	1805	1809	rBV	66051	84084	4.20%	0.521%
18	12.857	1809	1813	1818	rVB	38532	55937	2.80%	0.347%
19	12.998	1832	1837	1845	rBV	1357790	1784002	89.21%	11.064%
20	13.233	1873	1877	1883	rBV6	11238	23340	1.17%	0.145%
21	13.575	1931	1935	1944	rVB3	13148	22934	1.15%	0.142%
22	13.933	1987	1996	2009	rBV4	36172	155676	7.78%	0.965%
23	14.057	2011	2017	2026	rVB	442177	618968	30.95%	3.839%
24	14.222	2041	2045	2050	rBV2	14617	20456	1.02%	0.127%
25	14.527	2093	2097	2101	rBV	22277	29654	1.48%	0.184%
26	14.839	2146	2150	2157	rVB2	15572	24309	1.22%	0.151%
27	14.916	2159	2163	2168	rVV	26763	39299	1.97%	0.244%
28	14.986	2170	2175	2185	rVB	47262	68650	3.43%	0.426%
29	15.104	2190	2195	2203	rBV	26282	60817	3.04%	0.377%
30	15.180	2204	2208	2215	rBV	43345	66882	3.34%	0.415%
31	15.263	2216	2222	2236	rVB9	25513	94407	4.72%	0.586%
32	15.468	2254	2257	2262	rVV	16321	25755	1.29%	0.160%
33	15.533	2262	2268	2286	rVB	413737	717777	35.89%	4.452%
34	15.774	2305	2309	2317	rVB6	19213	33296	1.67%	0.207%
35	16.016	2344	2350	2360	rVB	70122	125944	6.30%	0.781%
36	16.833	2485	2489	2496	rBV7	12224	22522	1.13%	0.140%

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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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.145	2536	2542	2550	rVB3	26647	66425	3.32%	0.412%
38	17.215	2550	2554	2560	rBV8	10823	26314	1.32%	0.163%

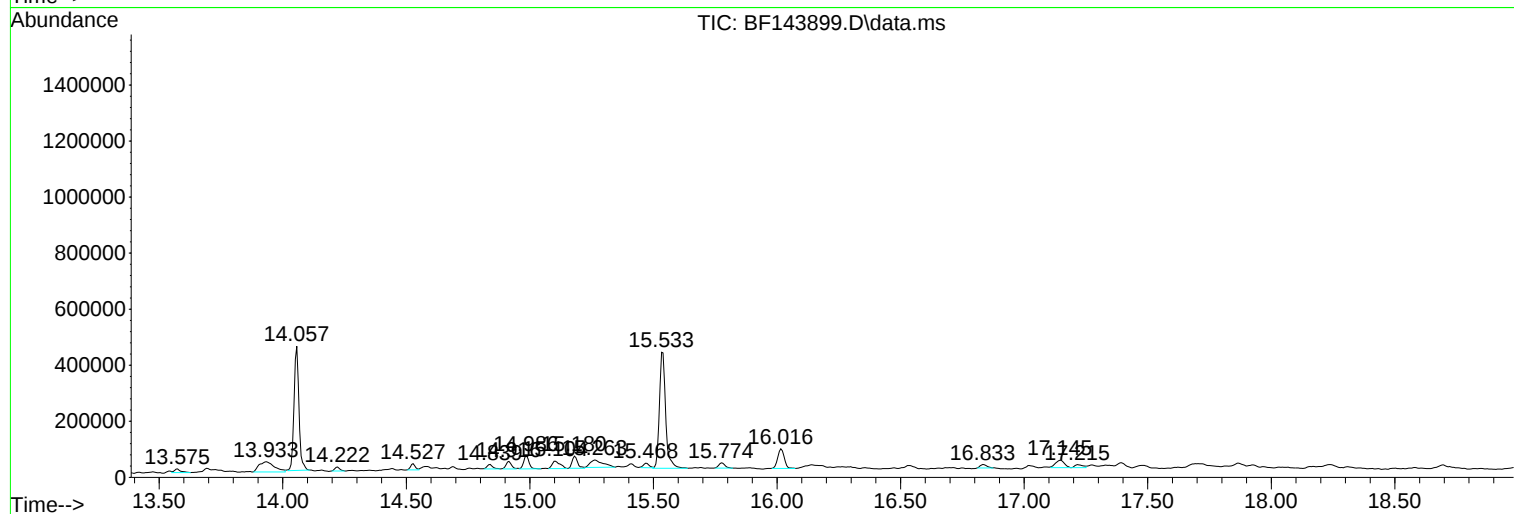
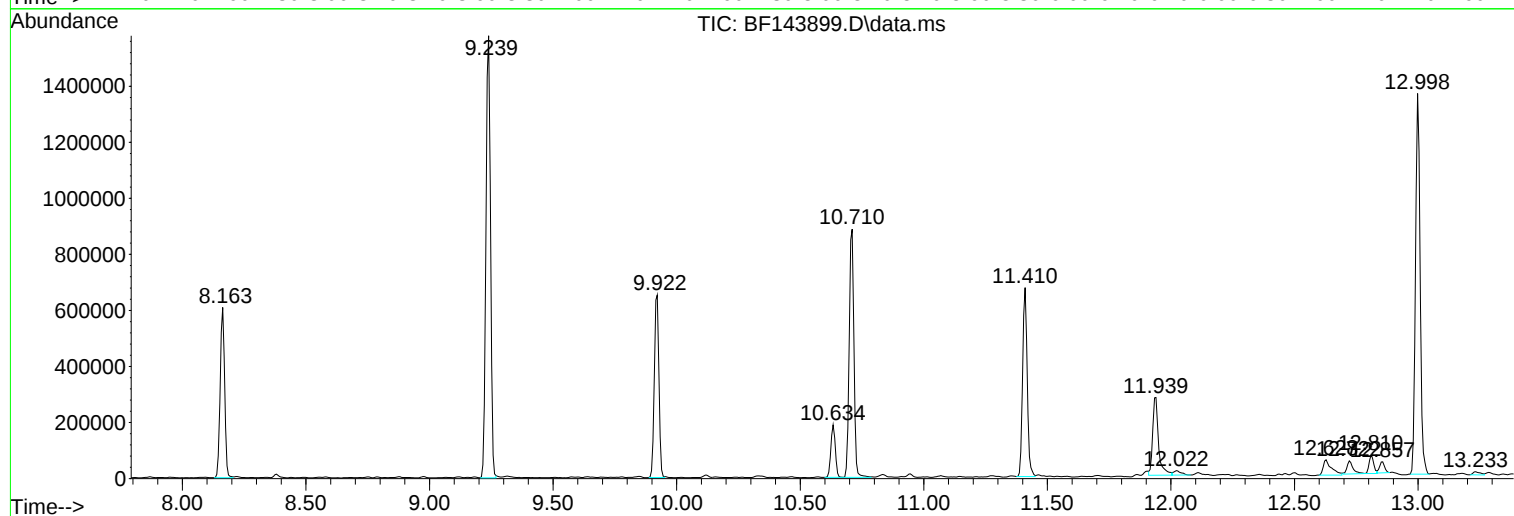
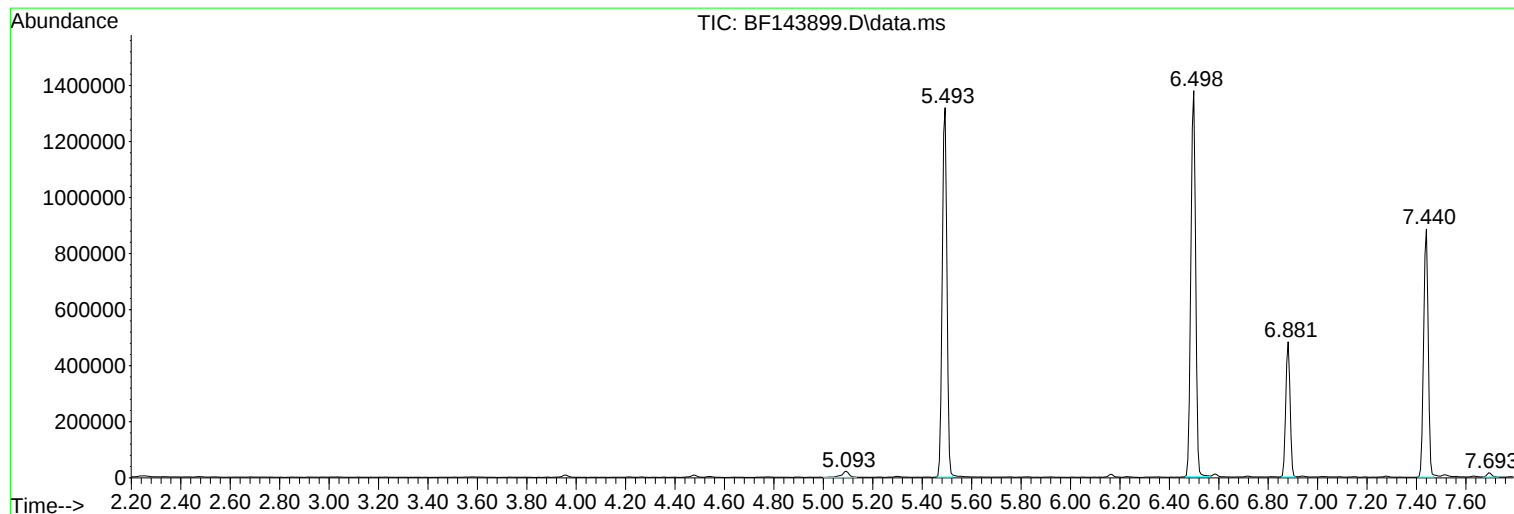
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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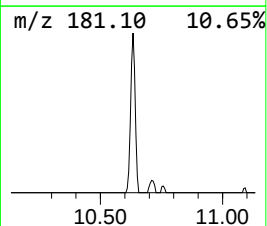
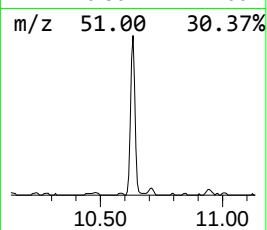
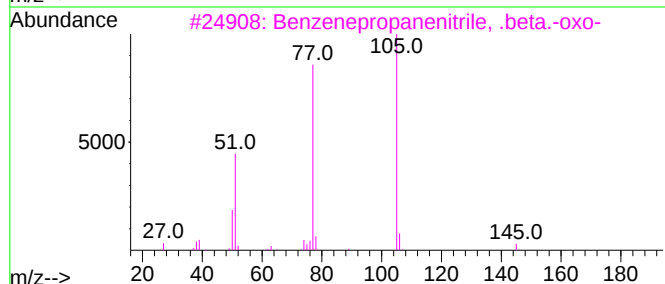
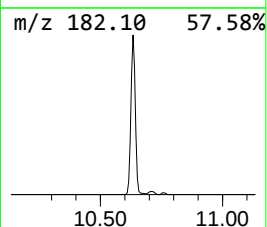
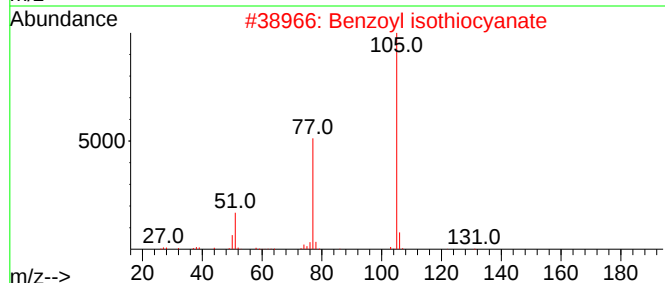
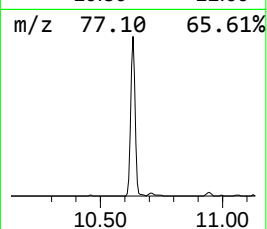
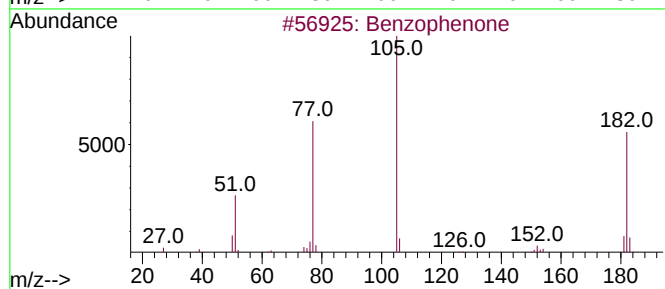
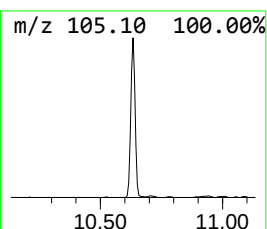
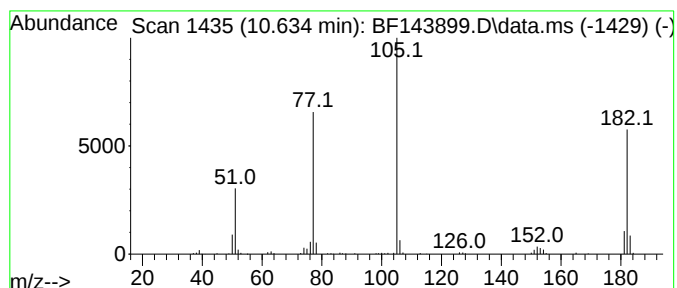
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	5.41 ng	229527	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
3			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
4			Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	47
5			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47



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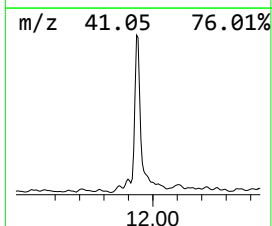
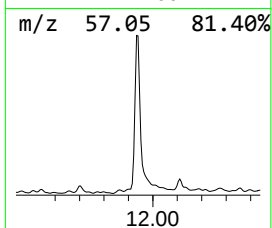
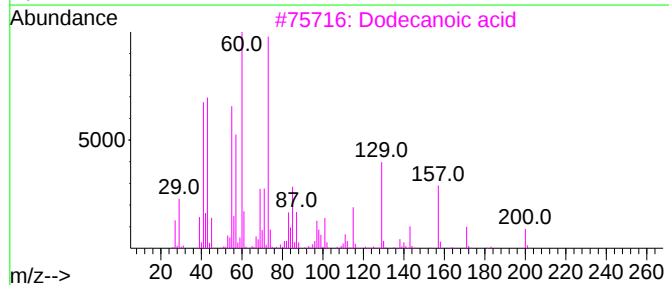
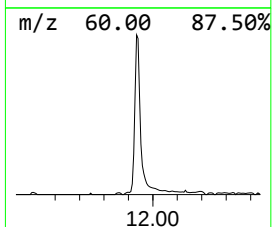
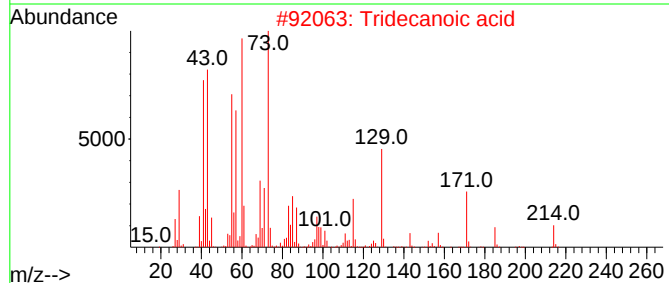
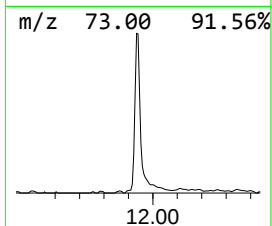
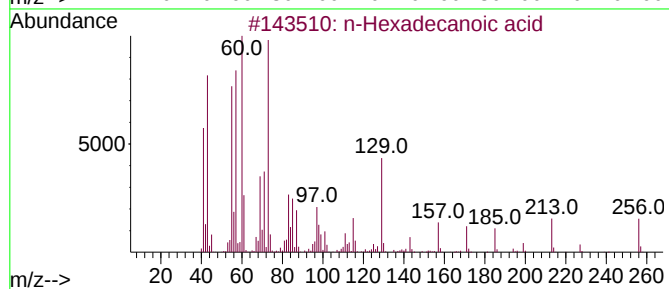
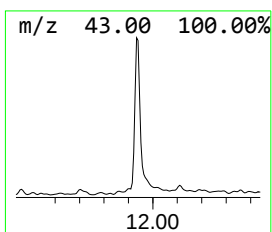
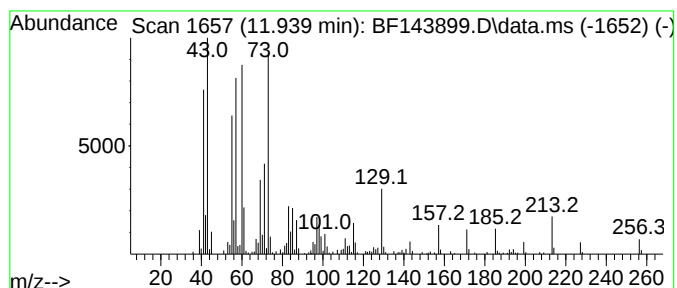
Instrument :
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.939	10.30 ng	453367	Phenanthrene-d10	11.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Dodecanoic acid	200	C12H24O2	000143-07-7	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	81



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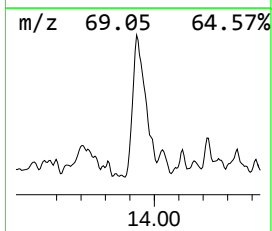
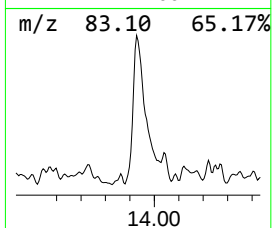
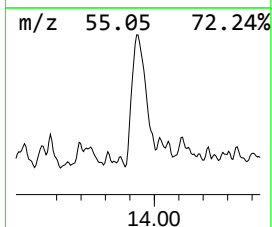
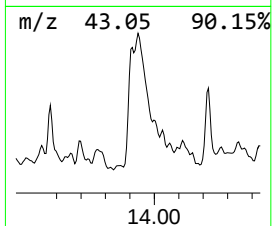
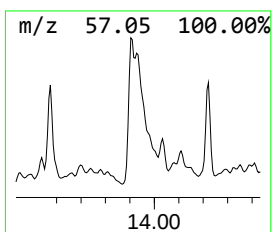
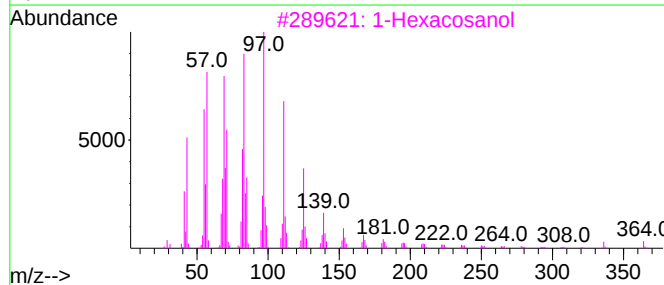
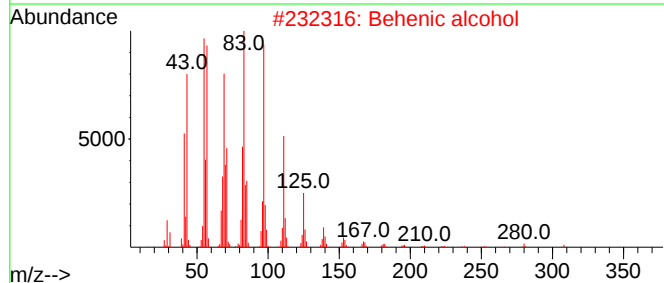
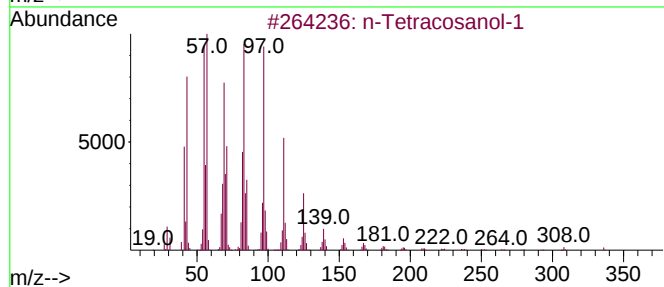
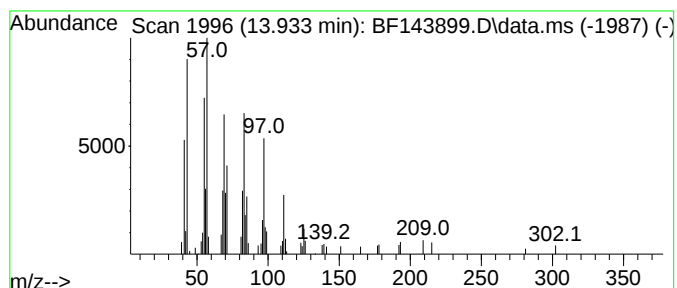
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	5.03 ng	155676	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2			Behenic alcohol	326	C22H46O	000661-19-8	93
3			1-Hexacosanol	382	C26H54O	000506-52-5	91
4			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91



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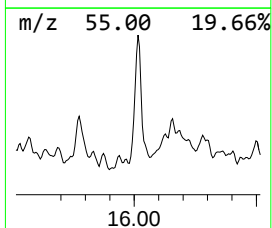
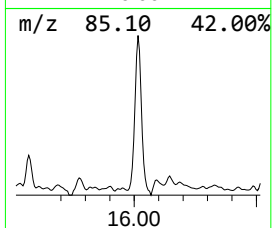
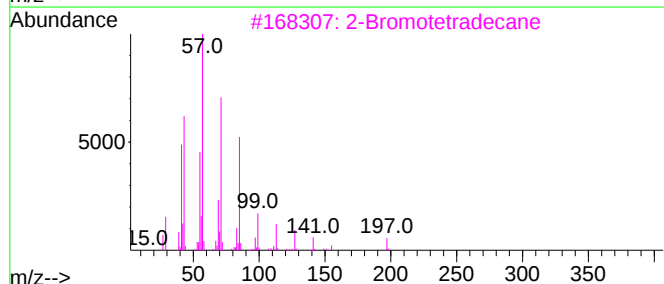
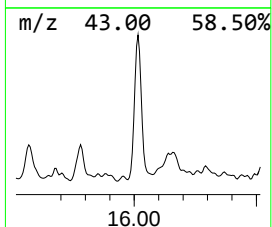
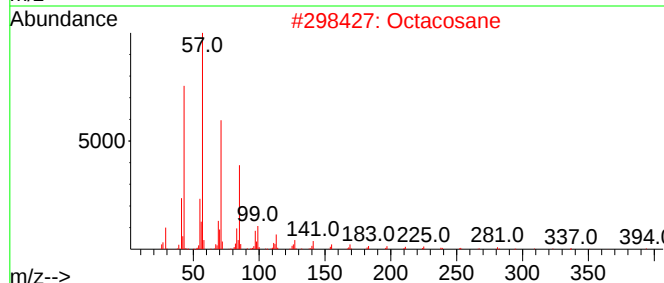
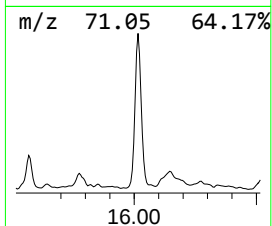
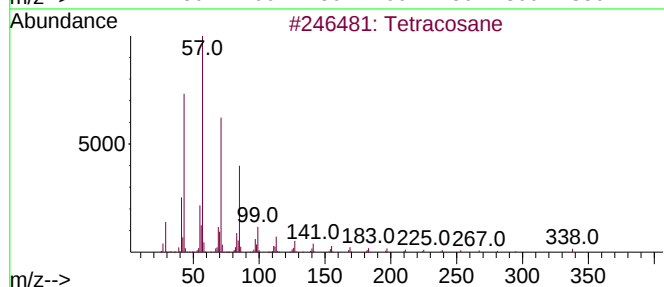
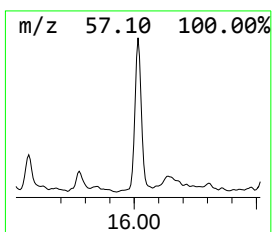
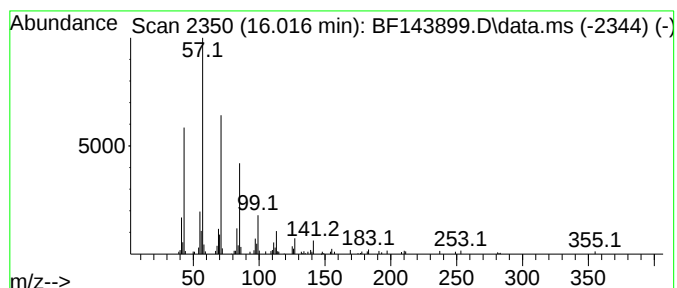
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TIC Library : C:\Database\NIST20.L
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Peak Number 7 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.015	3.51 ng	125944	Perylene-d12	15.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	90
2			Octacosane	394	C28H58	000630-02-4	87
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	87
4			Pentacosane	352	C25H52	000629-99-2	87
5			Docosane	310	C22H46	000629-97-0	87



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.634	5.4	ng	229527	3	9.922	848126	20.0
n-Hexadecanoic ...	11.939	10.3	ng	453367	4	11.410	880326	20.0
n-Tetracosanol-1	13.933	5.0	ng	155676	5	14.057	618968	20.0
Tetracosane	16.015	3.5	ng	125944	6	15.533	717777	20.0