

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135207.D
 Acq On : 13 Sep 2023 05:32
 Operator : CG\JU
 Sample : 04336-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-A

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135207.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	8	12	22	rVB	24408	34458	1.38%	0.178%
2	5.004	492	496	503	rVB	67874	90797	3.63%	0.468%
3	5.398	558	563	566	rBV	2319207	2188171	87.59%	11.275%
4	6.404	729	734	737	rBV	2353719	2327734	93.17%	11.994%
5	6.763	791	795	802	rBV	812223	660401	26.43%	3.403%
6	7.328	886	891	894	rBV	1652063	1481612	59.30%	7.634%
7	8.039	1008	1012	1016	rBV	1066395	891865	35.70%	4.595%
8	9.122	1190	1196	1199	rBV	2905166	2498335	100.00%	12.873%
9	9.239	1212	1216	1219	rVB	28658	28175	1.13%	0.145%
10	9.798	1305	1311	1314	rBV	1192786	969167	38.79%	4.994%
11	10.586	1441	1445	1449	rBV	1548116	1541071	61.68%	7.940%
12	10.651	1453	1456	1462	rVV	27884	40898	1.64%	0.211%
13	10.704	1462	1465	1474	rVB3	31366	42075	1.68%	0.217%
14	11.286	1560	1564	1567	rBV	1026946	974047	38.99%	5.019%
15	11.310	1567	1568	1572	rVV	250841	173237	6.93%	0.893%
16	11.363	1572	1577	1580	rVB	50146	52594	2.11%	0.271%
17	11.522	1600	1604	1608	rBV2	28596	32488	1.30%	0.167%
18	11.792	1647	1650	1652	rBV	44441	36843	1.47%	0.190%
19	11.827	1652	1656	1660	rBV2	344142	338873	13.56%	1.746%
20	11.904	1665	1669	1671	rBV	53559	49939	2.00%	0.257%
21	12.345	1741	1744	1747	rBV	34222	37754	1.51%	0.195%
22	12.504	1768	1771	1775	rBV	316219	288681	11.55%	1.487%
23	12.616	1786	1790	1801	rBV6	70319	112587	4.51%	0.580%
24	12.733	1804	1810	1813	rVV	237428	273675	10.95%	1.410%
25	12.786	1817	1819	1825	rVB3	43921	44318	1.77%	0.228%
26	12.886	1832	1836	1839	rBV	2161454	1864800	74.64%	9.608%
27	12.957	1843	1848	1852	rBV2	26561	38434	1.54%	0.198%
28	13.068	1864	1867	1870	rVB	41510	37536	1.50%	0.193%
29	13.121	1873	1876	1881	rVV2	31126	48555	1.94%	0.250%
30	13.168	1881	1884	1892	rVB2	32008	47885	1.92%	0.247%
31	13.468	1929	1935	1937	rBV4	37650	43925	1.76%	0.226%
32	13.686	1968	1972	1975	rBV2	25181	33410	1.34%	0.172%
33	13.798	1987	1991	1993	rBV2	39448	43081	1.72%	0.222%
34	13.827	1993	1996	2007	rVB6	48067	110038	4.40%	0.567%
35	13.939	2011	2015	2018	rBV2	599041	666895	26.69%	3.436%
36	13.968	2018	2020	2022	rVB	95207	72729	2.91%	0.375%

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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-BF091123.M
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37	14.333	2079	2082	2085	rVB2	28981	30814	1.23%	0.159%
38	14.427	2094	2098	2100	rBV2	32578	35026	1.40%	0.180%
39	14.980	2188	2192	2195	rBV	96496	137583	5.51%	0.709%
40	15.068	2203	2207	2210	rBV2	37404	50123	2.01%	0.258%
41	15.280	2239	2243	2249	rVB	51440	62411	2.50%	0.322%
42	15.345	2250	2254	2259	rVB	73906	91282	3.65%	0.470%
43	15.404	2259	2264	2269	rBV	477626	626449	25.07%	3.228%
44	15.892	2343	2347	2350	rVB	34215	39867	1.60%	0.205%
45	16.874	2510	2514	2523	rVB4	31351	62366	2.50%	0.321%
46	17.321	2585	2590	2597	rBV2	24353	55014	2.20%	0.283%

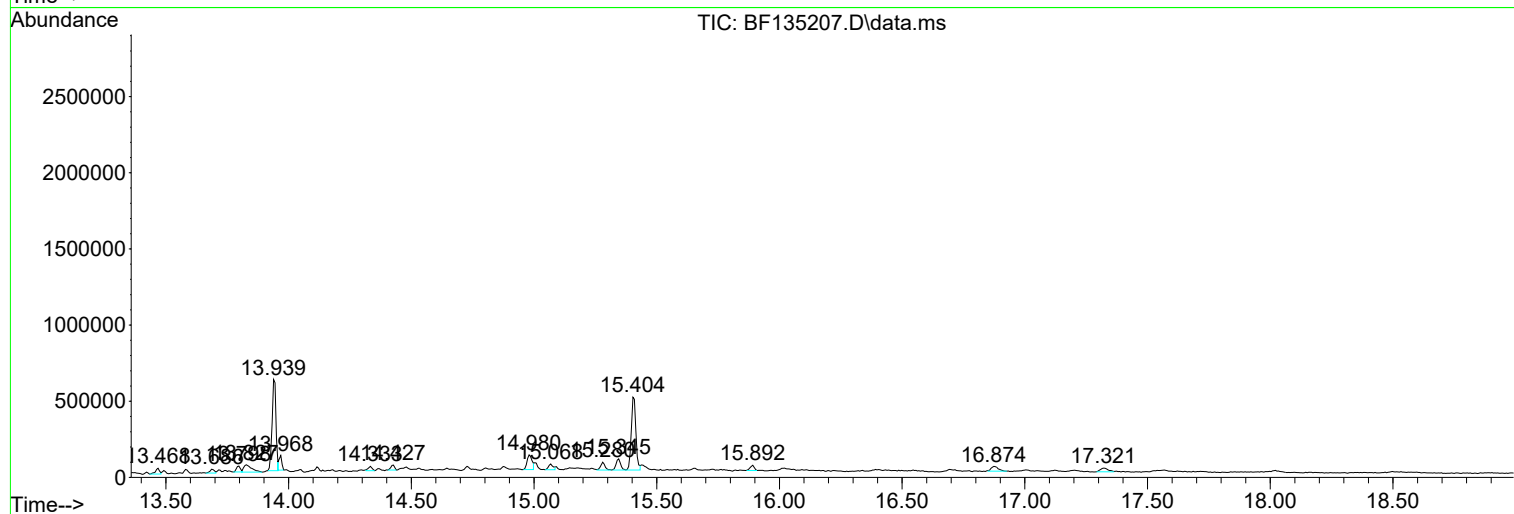
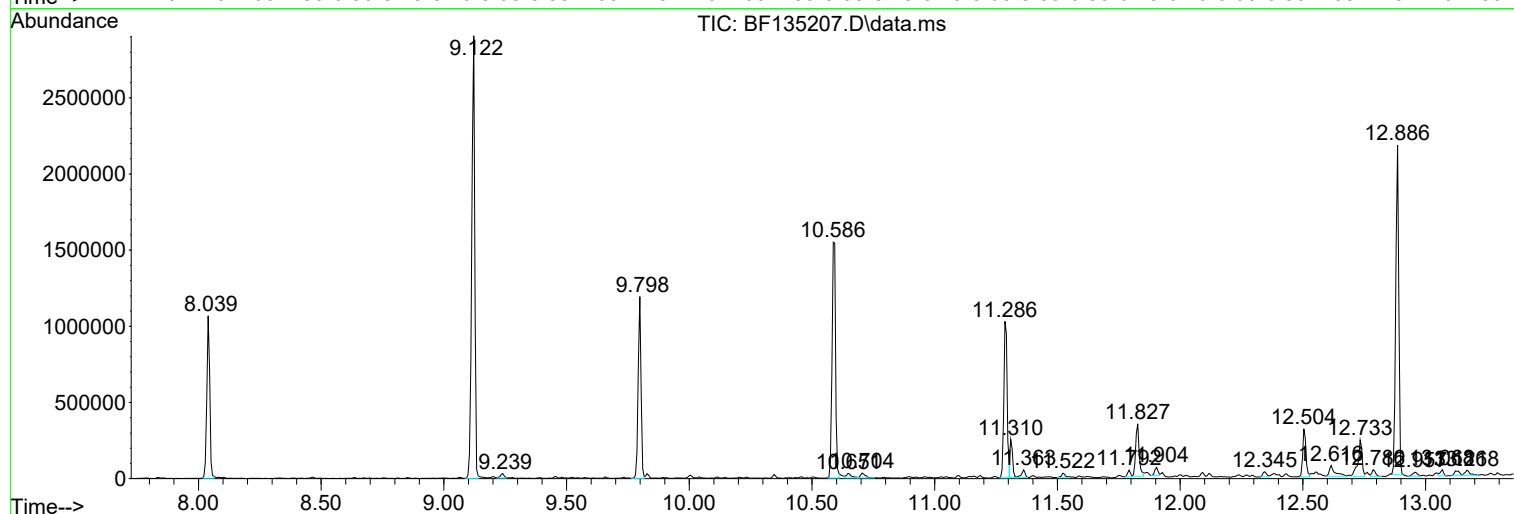
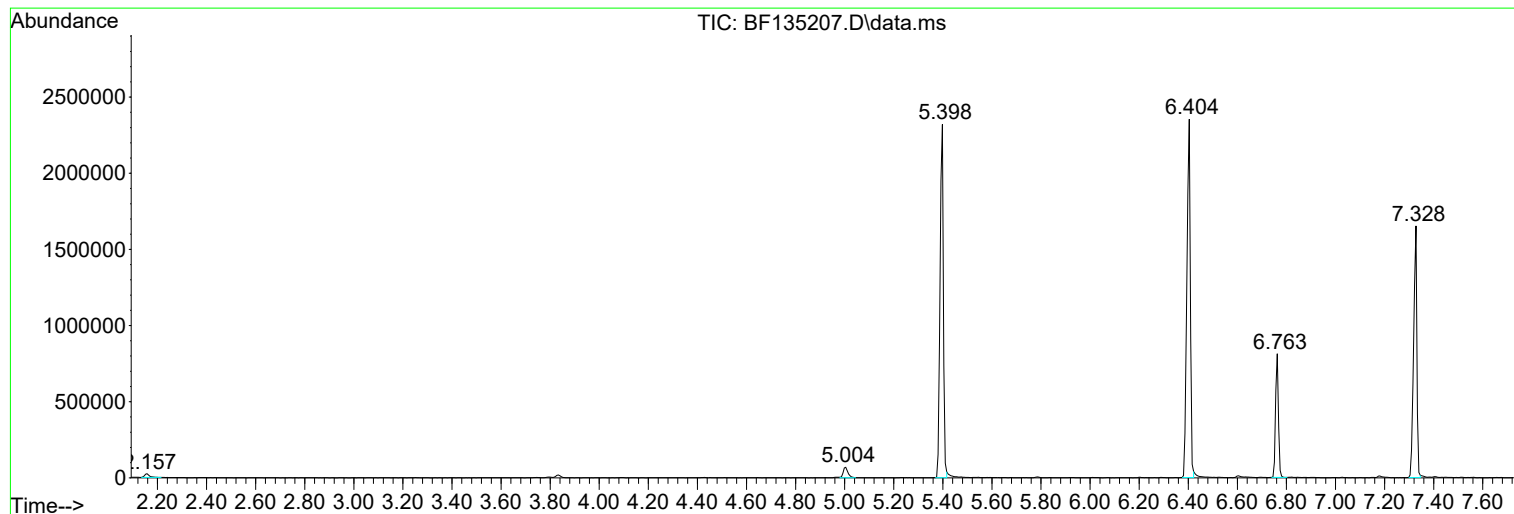
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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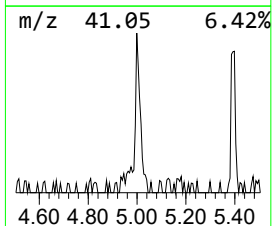
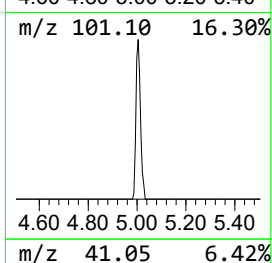
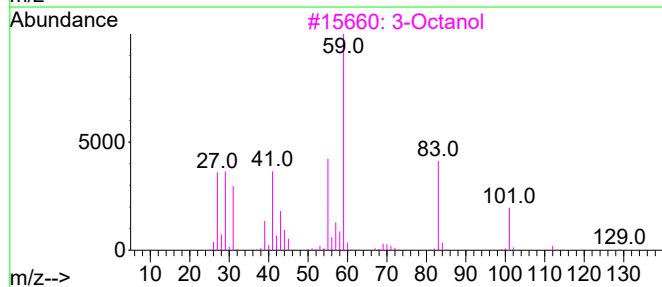
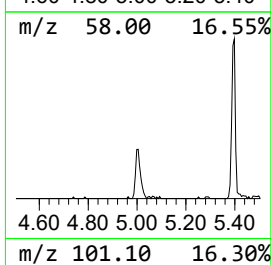
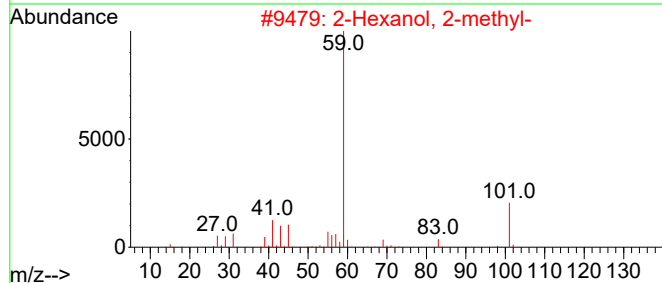
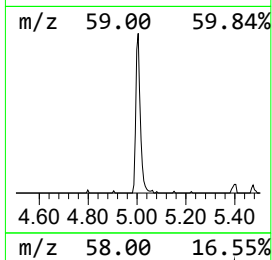
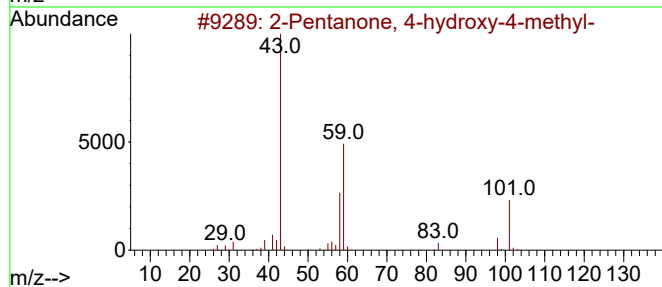
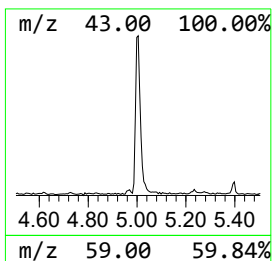
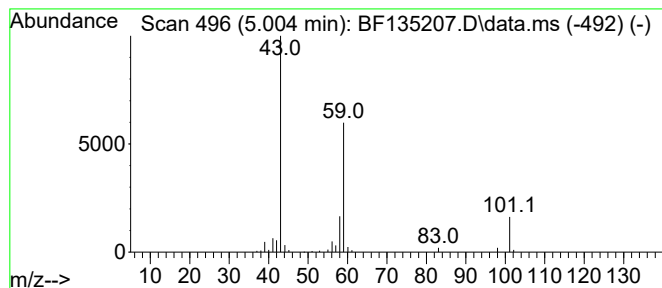
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	2.75 ng	90797	1,4-Dichlorobenzene-d4	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33		
3	3-Octanol	130	C8H18O	000589-98-0	33		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23		



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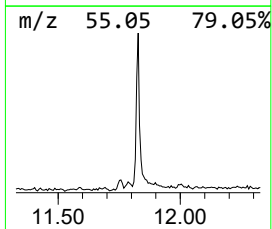
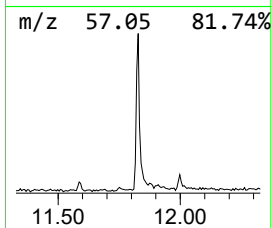
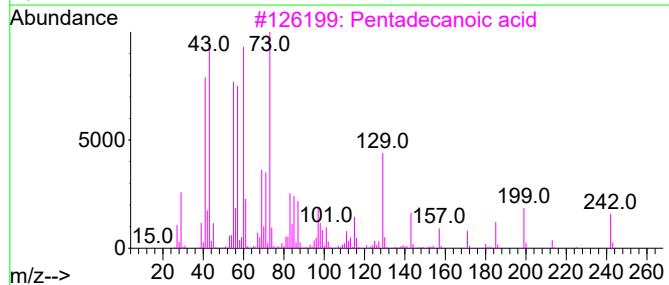
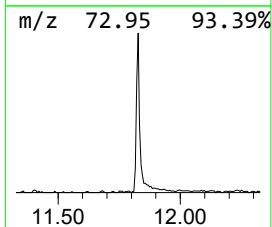
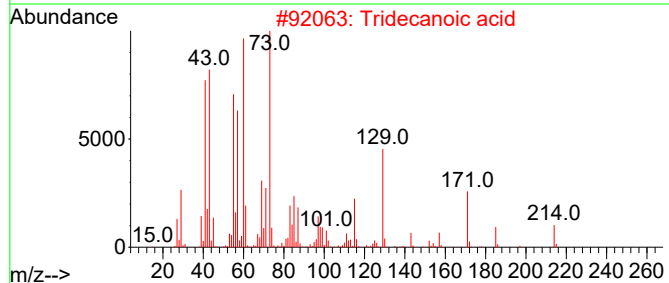
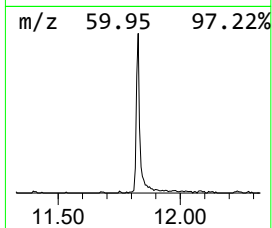
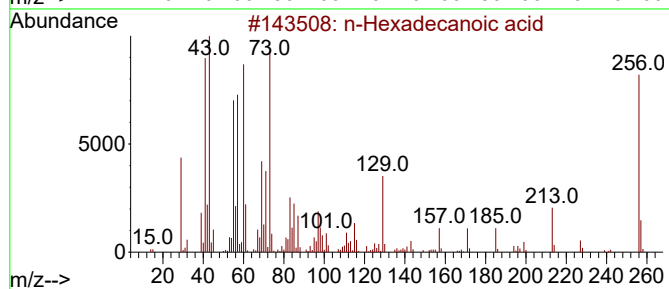
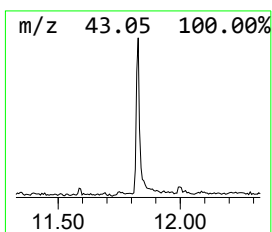
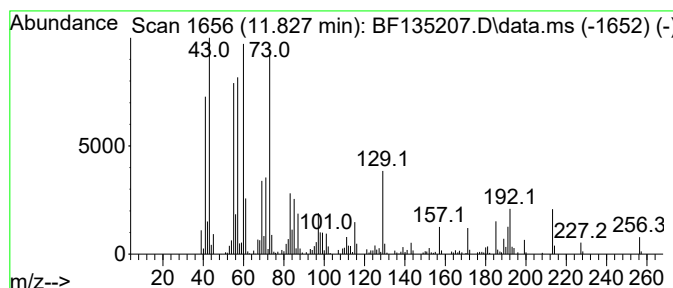
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	6.96 ng	338873	Phenanthrene-d10	11.286

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	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



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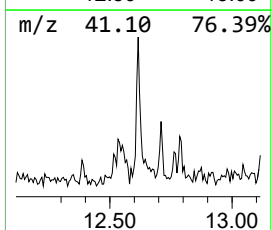
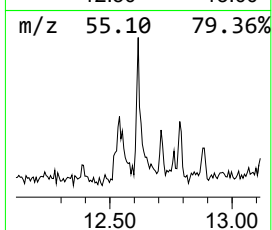
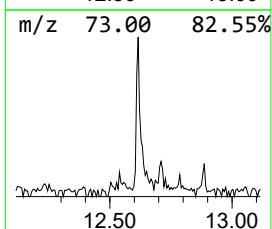
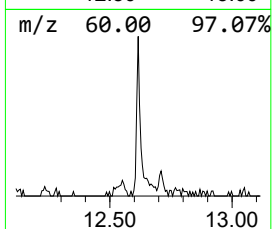
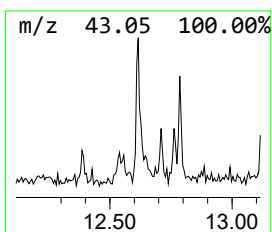
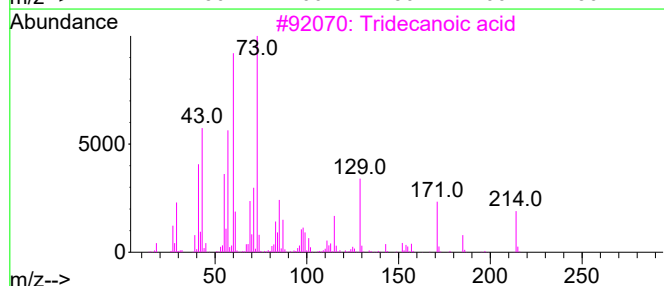
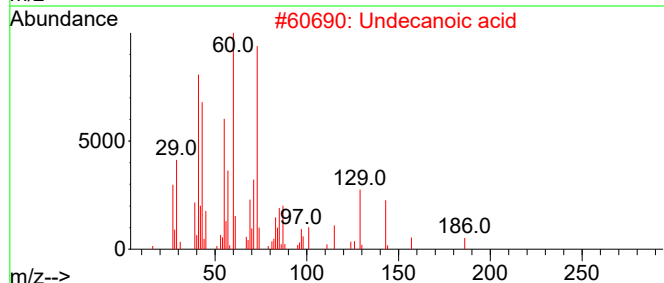
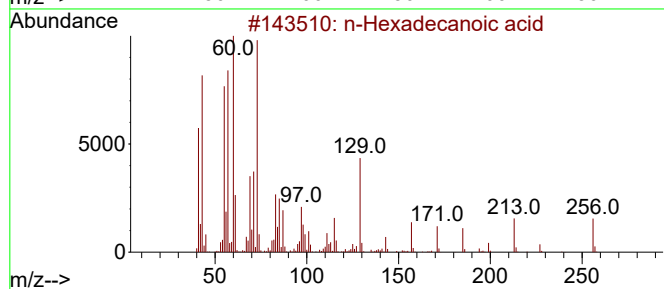
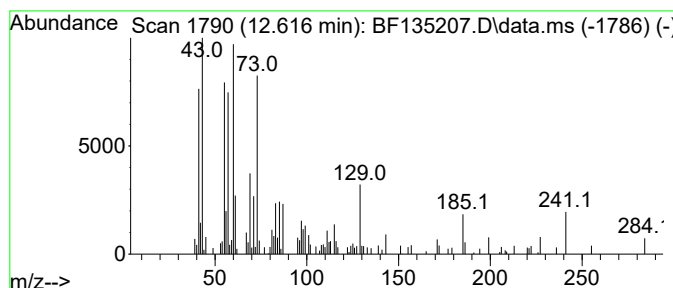
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	2.31 ng	112587	Phenanthrene-d10	11.286

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2		Undecanoic acid	186	C11H22O2	000112-37-8	70
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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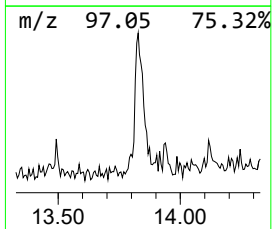
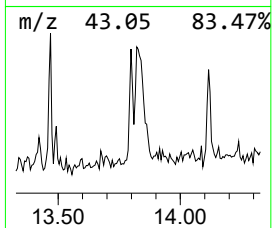
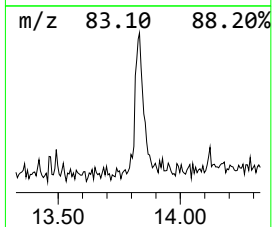
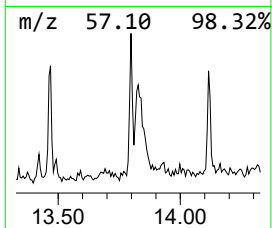
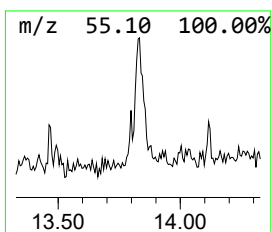
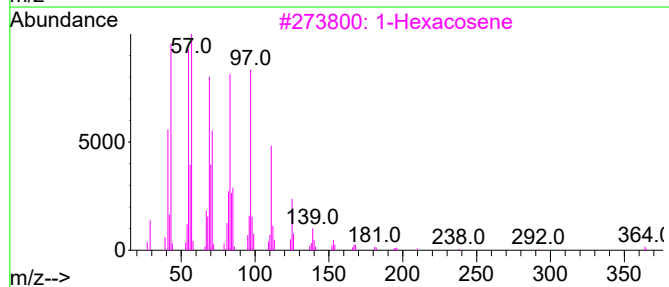
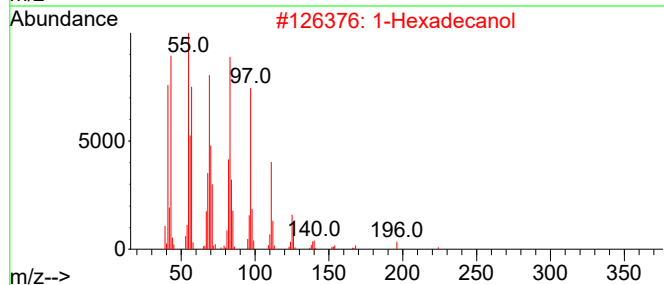
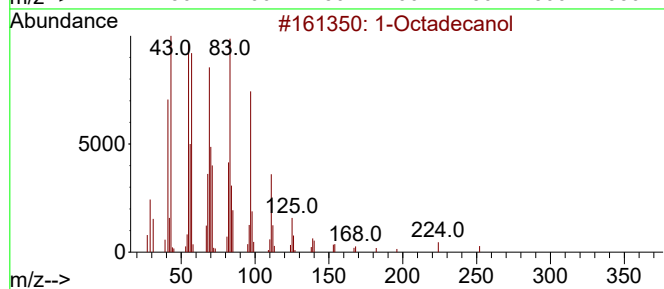
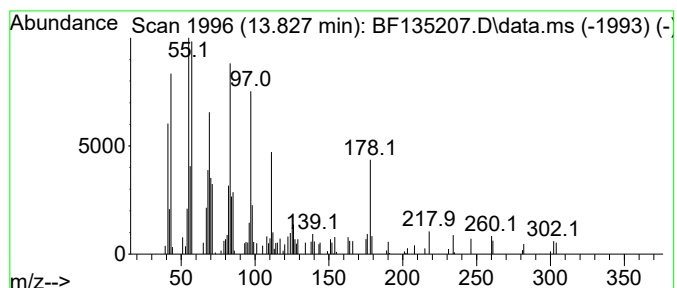
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Octadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.827	3.30 ng	110038	Chrysene-d12	13.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	76
2	1-Hexadecanol	242	C16H34O	036653-82-4	70
3	1-Hexacosene	364	C26H52	018835-33-1	68
4	1-Tetracosene	336	C24H48	010192-32-2	68
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	64



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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
2-Pentanone, 4-...	5.004	2.8	ng	90797	1	6.763	660401	20.0
n-Hexadecanoic ...	11.827	7.0	ng	338873	4	11.286	974047	20.0
Undecanoic acid	12.616	2.3	ng	112587	4	11.286	974047	20.0
1-Octadecanol	13.827	3.3	ng	110038	5	13.945	666895	20.0