

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144079.D
 Acq On : 27 Oct 2025 13:04
 Operator : RC/JU
 Sample : Q3385-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

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-BF102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144079.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	483	492	509	rBV3	33229	76672	1.01%	0.131%
2	5.498	556	562	570	rBV	461561	635464	8.39%	1.082%
3	6.504	723	733	745	rBV	360182	550488	7.27%	0.938%
4	6.875	792	796	801	rBV	228249	289981	3.83%	0.494%
5	6.940	801	807	818	rBV	145633	242335	3.20%	0.413%
6	7.098	829	834	849	rBV	116607	206965	2.73%	0.353%
7	7.440	882	892	897	rBV	716686	938581	12.40%	1.599%
8	7.575	902	915	929	rVB	196530	566124	7.48%	0.964%
9	7.910	962	972	985	rBV2	115890	254965	3.37%	0.434%
10	8.157	1009	1014	1019	rBV	270827	344552	4.55%	0.587%
11	9.234	1189	1197	1202	rBV	1236345	1587487	20.97%	2.704%
12	9.663	1266	1270	1272	rBV	62723	78635	1.04%	0.134%
13	9.763	1278	1287	1296	rVB2	422324	667362	8.82%	1.137%
14	9.916	1307	1313	1322	rVB2	323736	461672	6.10%	0.786%
15	10.139	1344	1351	1360	rVB2	45902	112614	1.49%	0.192%
16	10.710	1443	1448	1456	rVB	476696	643053	8.49%	1.095%
17	10.951	1473	1489	1490	rBV	4292689	6433936	84.99%	10.959%
18	10.986	1491	1495	1498	rVV	3407637	5348133	70.64%	9.110%
19	11.133	1515	1520	1532	rVB	255931	661411	8.74%	1.127%
20	11.286	1543	1546	1554	rVB2	76831	162611	2.15%	0.277%
21	11.363	1554	1559	1563	rVV	320321	408364	5.39%	0.696%
22	11.410	1563	1567	1572	rVB	266929	329605	4.35%	0.561%
23	11.933	1651	1656	1665	rVB3	120626	186624	2.47%	0.318%
24	12.069	1674	1679	1683	rBV	569839	723447	9.56%	1.232%
25	12.116	1683	1687	1689	rVV2	96528	150226	1.98%	0.256%
26	12.151	1689	1693	1696	rVV	302423	419814	5.55%	0.715%
27	12.210	1696	1703	1726	rVB	356473	829134	10.95%	1.412%
28	12.404	1733	1736	1741	rVB	62668	94192	1.24%	0.160%
29	12.451	1741	1744	1748	rBV2	57877	83890	1.11%	0.143%
30	12.504	1748	1753	1762	rVV2	438134	788375	10.41%	1.343%
31	12.592	1762	1768	1773	rVB	529567	711382	9.40%	1.212%
32	12.669	1775	1781	1785	rBV	168031	223507	2.95%	0.381%
33	12.763	1787	1797	1806	rBV	3676485	7570598	100.00%	12.895%
34	12.851	1806	1812	1823	rVV	3861633	6550693	86.53%	11.158%
35	12.945	1823	1828	1833	rVB	2043996	2730213	36.06%	4.651%
36	12.998	1833	1837	1842	rVB	1088629	1423793	18.81%	2.425%

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37	13.051	1842	1846	1852	rBV	189383	234773	3.10%	0.400%
38	13.110	1852	1856	1860	rBV	106614	167580	2.21%	0.285%
39	13.192	1865	1870	1884	rVB2	103979	214102	2.83%	0.365%
40	13.310	1884	1890	1896	rBV	1827708	2489202	32.88%	4.240%
41	13.410	1902	1907	1911	rBV	176058	232659	3.07%	0.396%
42	13.463	1911	1916	1919	rBV2	106470	192345	2.54%	0.328%
43	13.545	1925	1930	1938	rVB	265156	397986	5.26%	0.678%
44	13.669	1946	1951	1956	rVB	1716001	2225954	29.40%	3.792%
45	13.757	1962	1966	1977	rBV	162156	228516	3.02%	0.389%
46	13.898	1985	1990	2003	rVB	300168	409105	5.40%	0.697%
47	14.010	2003	2009	2013	rBV	1551770	2024289	26.74%	3.448%
48	14.057	2013	2017	2022	rVB	250032	319753	4.22%	0.545%
49	14.521	2092	2096	2101	rVB	63010	94352	1.25%	0.161%
50	14.580	2102	2106	2113	rVB	49255	80803	1.07%	0.138%
51	14.674	2118	2122	2128	rBV	61792	120313	1.59%	0.205%
52	14.727	2128	2131	2140	rVB2	57931	88698	1.17%	0.151%
53	15.427	2245	2250	2257	rVB	204701	324209	4.28%	0.552%
54	15.539	2263	2269	2281	rVB	258585	439044	5.80%	0.748%
55	16.098	2359	2364	2370	rVB2	44694	92531	1.22%	0.158%
56	16.445	2417	2423	2433	rVB	239897	471527	6.23%	0.803%
57	17.633	2615	2625	2627	rBV3	184683	465853	6.15%	0.794%
58	18.415	2742	2758	2788	rVB	636978	3906887	51.61%	6.655%

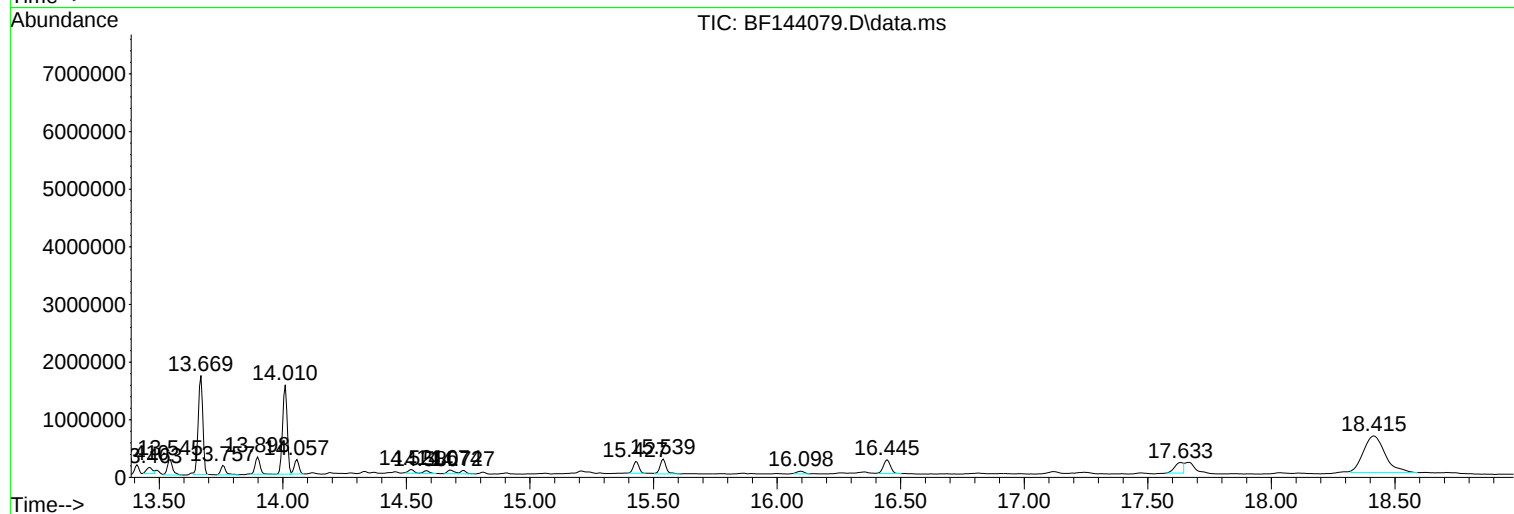
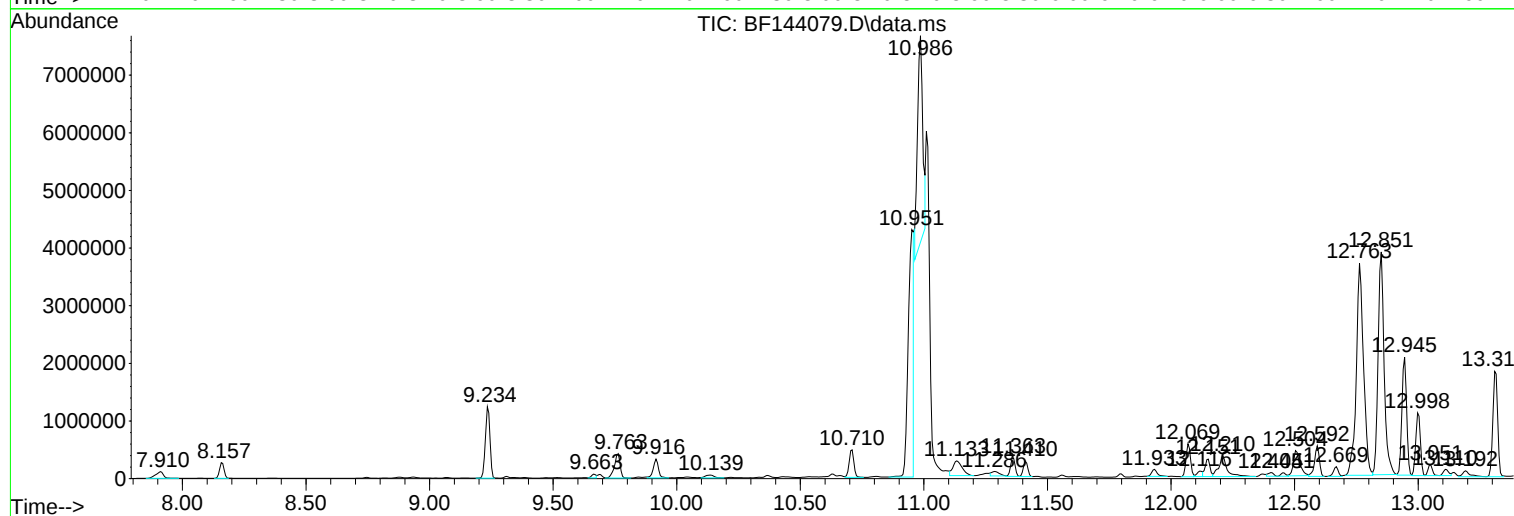
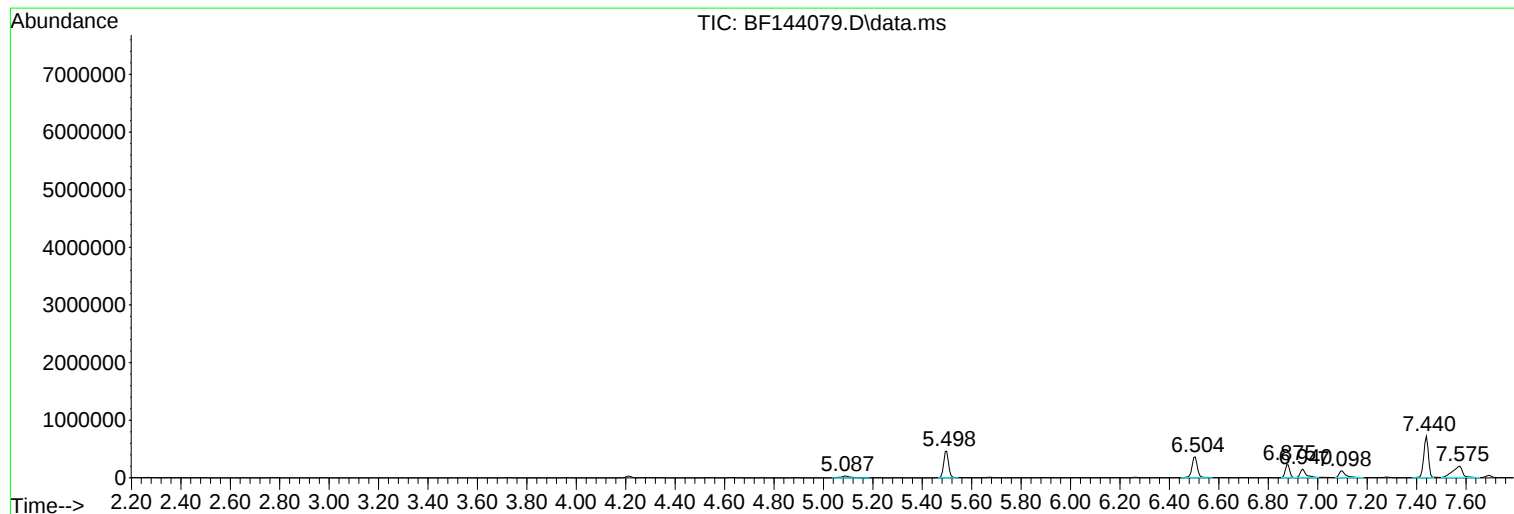
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF144079.D
Acq On : 27 Oct 2025 13:04
Operator : RC/JU
Sample : Q3385-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

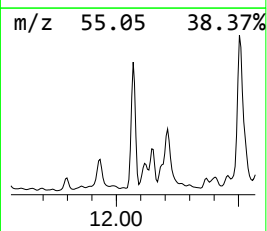
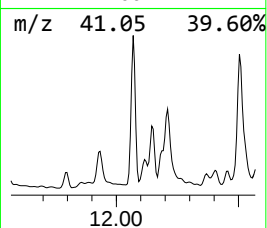
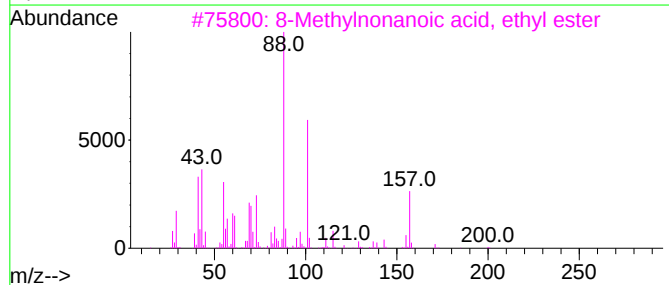
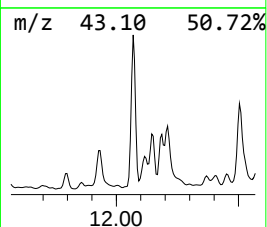
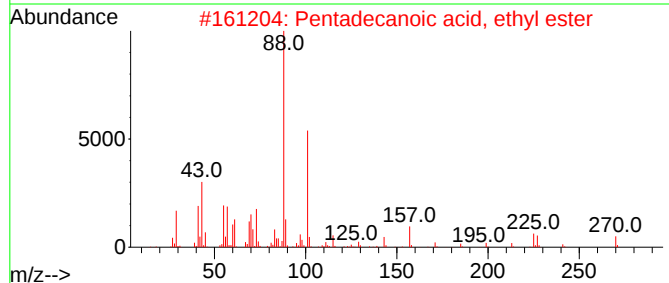
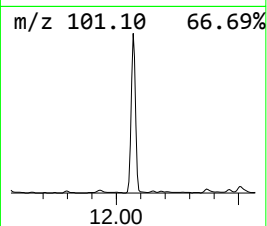
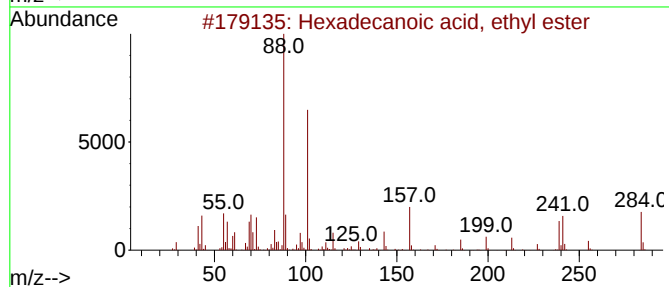
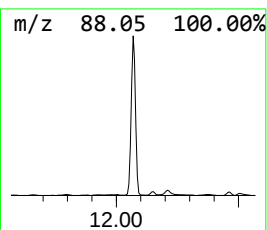
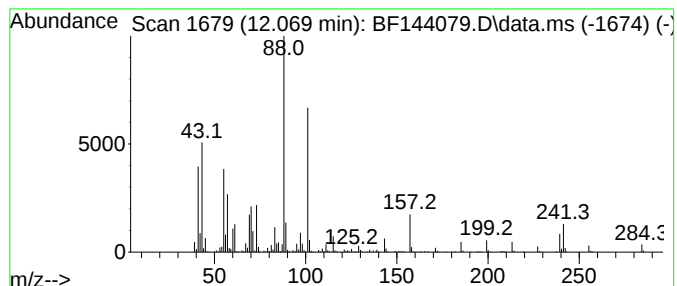
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, ethyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.069	43.90 ng	723447	Phenanthrene-d10	11.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	96
2	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	91
3	8-Methylnonanoic acid, ethyl ester	200	C12H24O2	1000452-00-8	90
4	Dodecanoic acid, ethyl ester	228	C14H28O2	000106-33-2	87
5	Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	80



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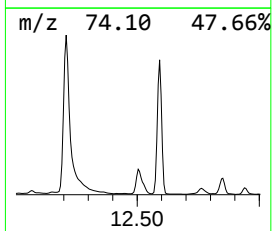
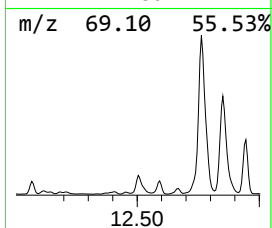
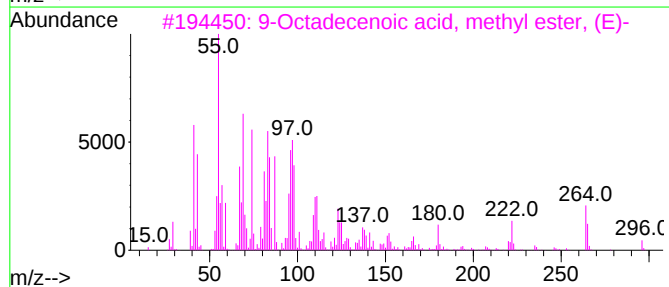
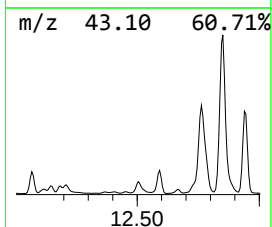
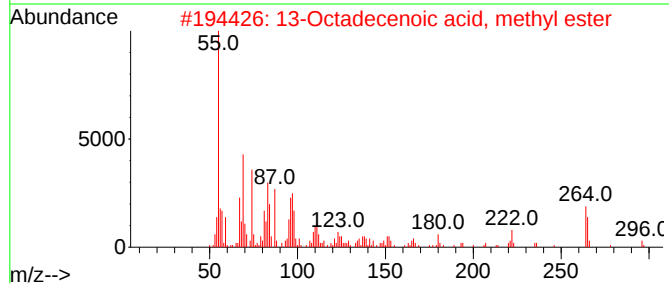
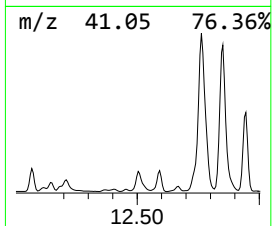
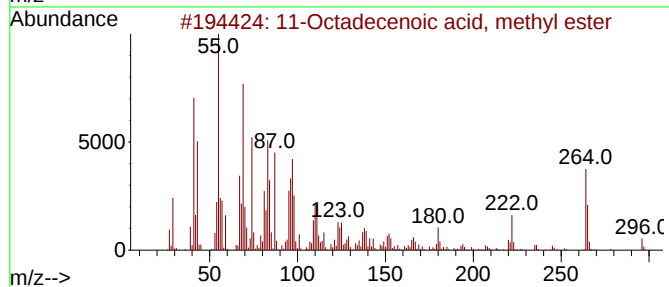
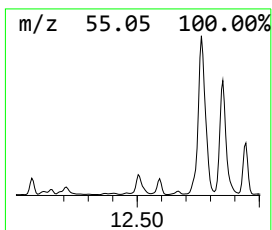
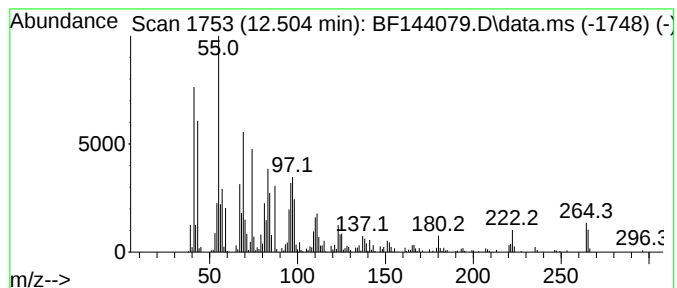
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 11-Octadecenoic acid, methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	47.84 ng	788375	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
3			9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	94
4			trans-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-61-3	94
5			cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	94



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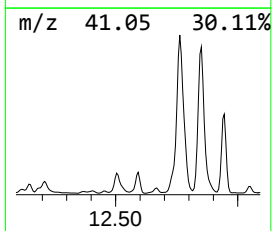
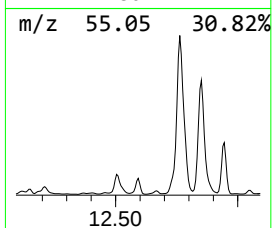
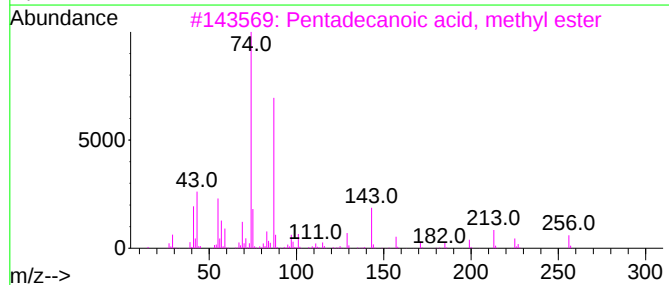
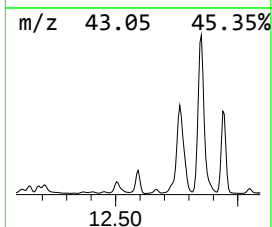
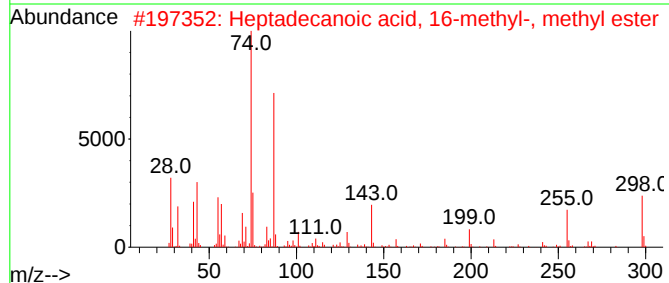
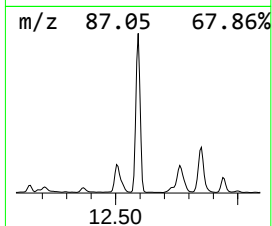
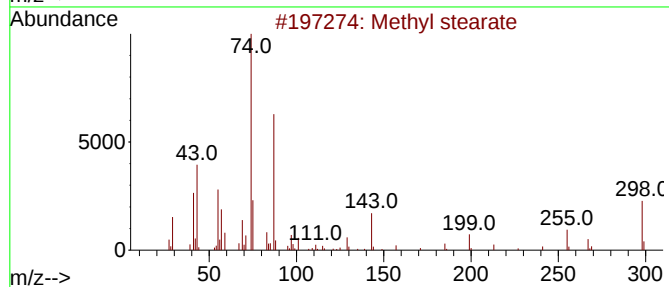
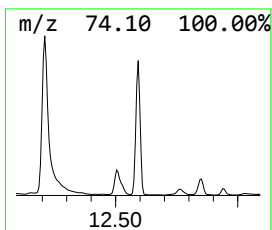
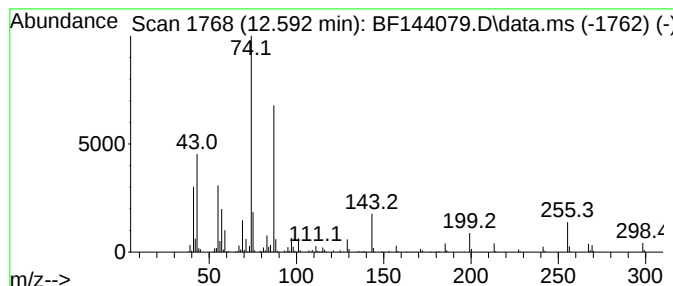
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Methyl stearate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	43.17 ng	711382	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	97
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	96
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
4		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



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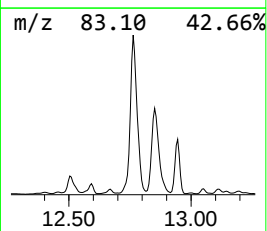
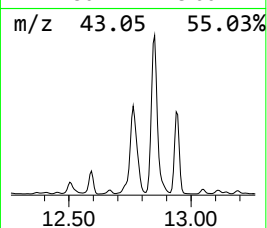
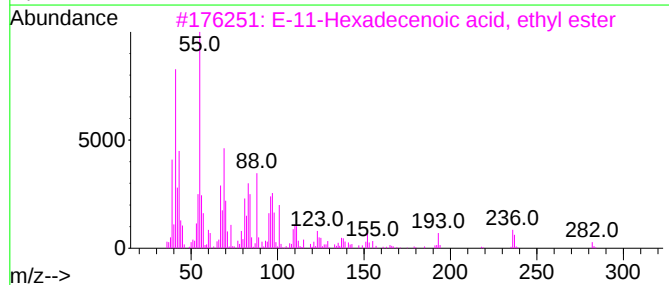
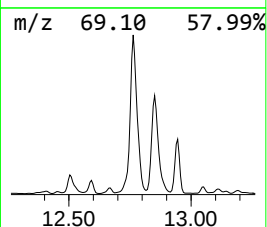
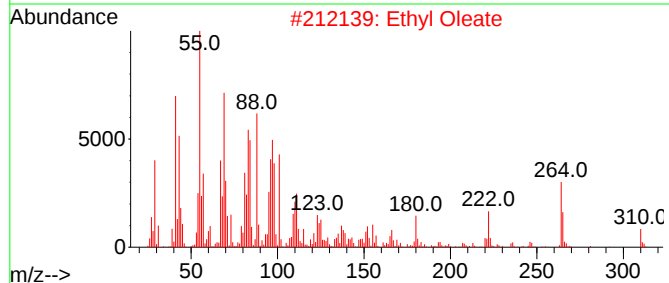
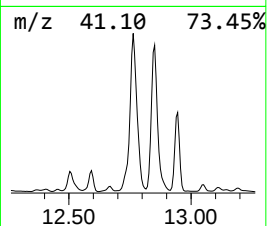
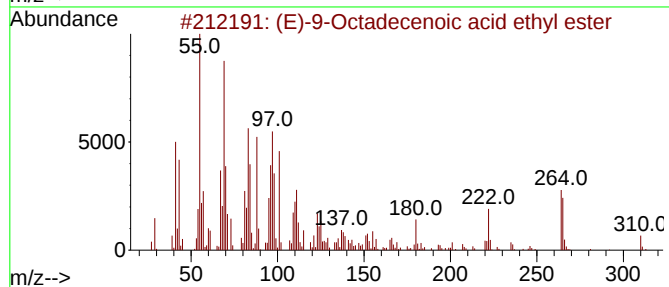
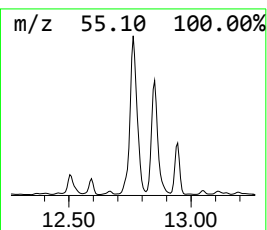
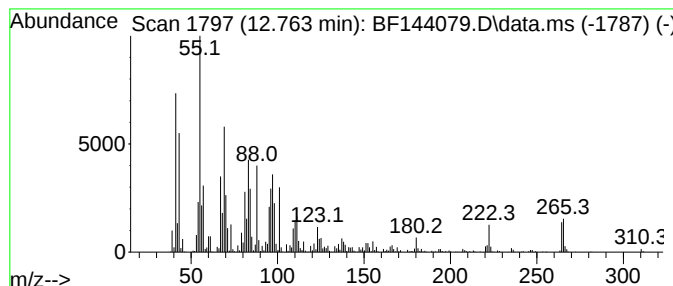
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (E)-9-Octadecenoic acid eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.763	473.53 ng	7570600	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-9-Octadecenoic acid ethyl ester	310	C20H38O2	006114-18-7	91		
2	Ethyl Oleate	310	C20H38O2	000111-62-6	90		
3	E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	87		
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	58		
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	58		



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ALS Vial : 7 Sample Multiplier: 1

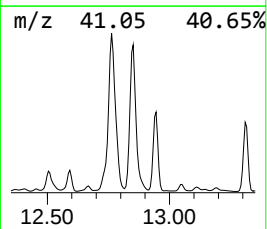
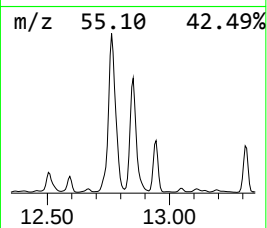
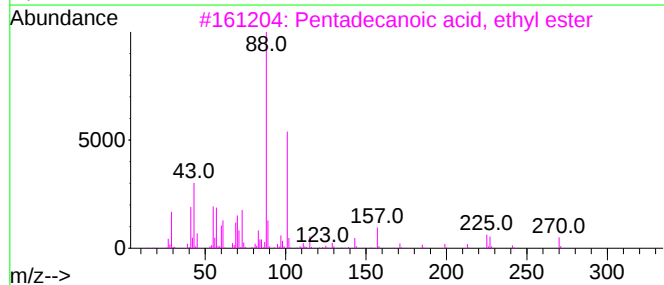
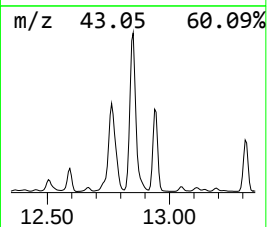
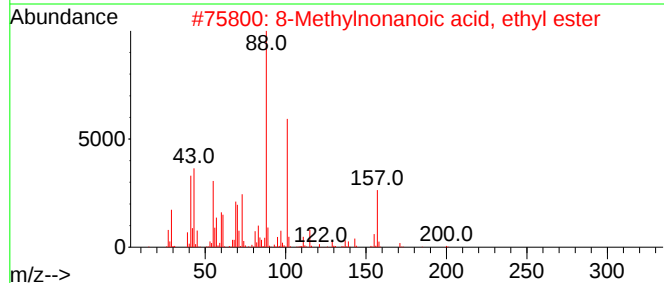
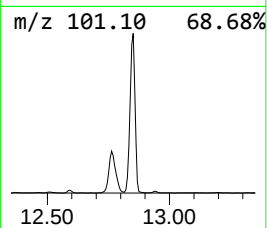
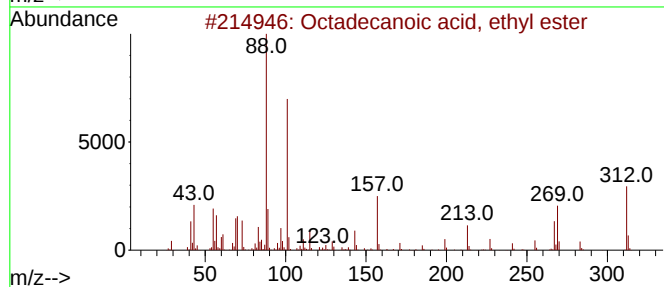
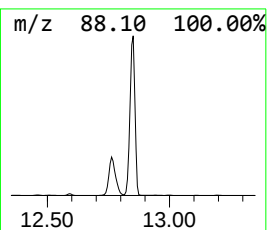
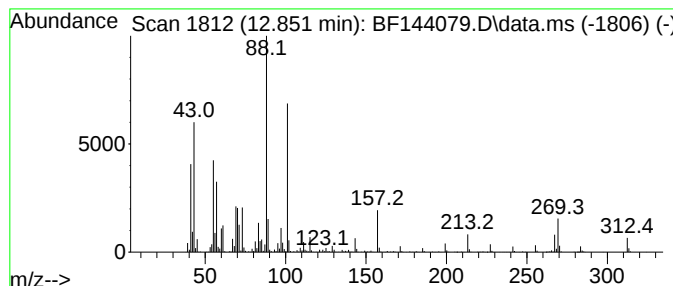
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BNA_F
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid, ethyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.851	409.74 ng	6550690	Chrysene-d12		14.057	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethyl ester		312	C20H40O2	000111-61-5	99
2	8-Methylnonanoic acid, ethyl ester		200	C12H24O2	1000452-00-8	94
3	Pentadecanoic acid, ethyl ester		270	C17H34O2	041114-00-5	93
4	Undecanoic acid, ethyl ester		214	C13H26O2	000627-90-7	91
5	Hexadecanoic acid, ethyl ester		284	C18H36O2	000628-97-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144079.D
Acq On : 27 Oct 2025 13:04
Operator : RC/JU
Sample : Q3385-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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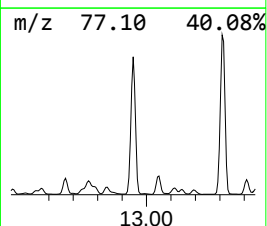
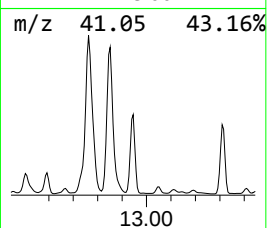
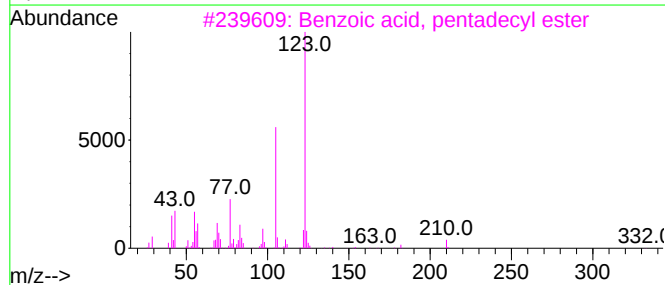
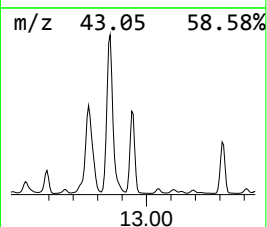
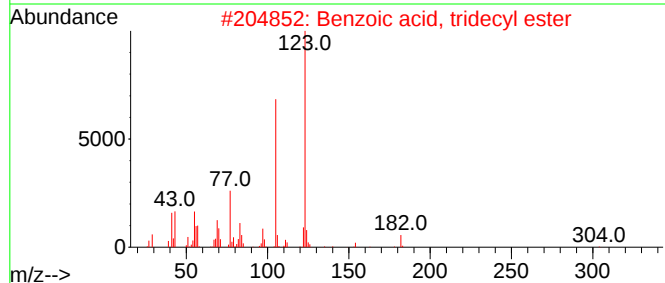
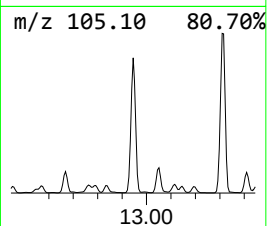
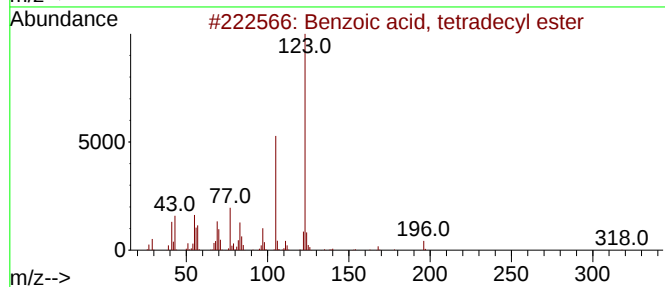
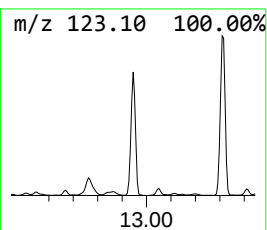
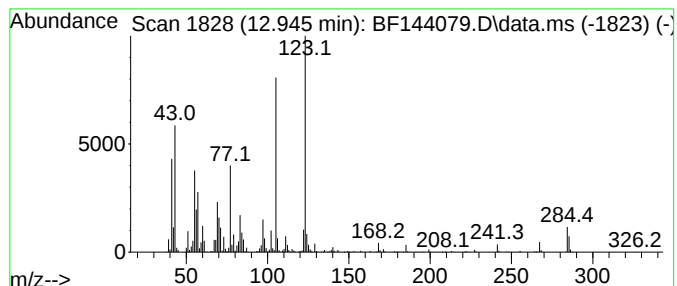
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzoic acid, tetradecyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	170.77 ng	2730210	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	87
2			Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	83
3			Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	68
4			Benzoic acid, heptyl ester	220	C14H20O2	007155-12-6	50
5			Benzoic acid, octyl ester	234	C15H22O2	000094-50-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144079.D
Acq On : 27 Oct 2025 13:04
Operator : RC/JU
Sample : Q3385-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

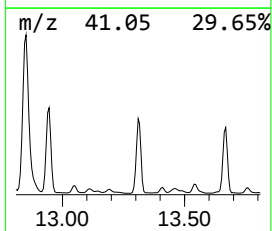
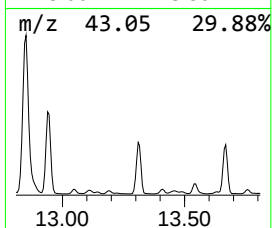
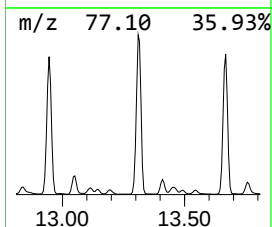
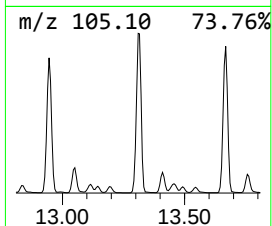
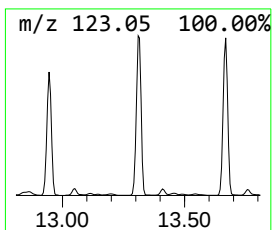
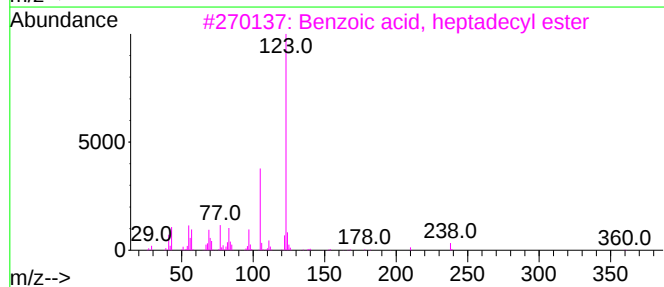
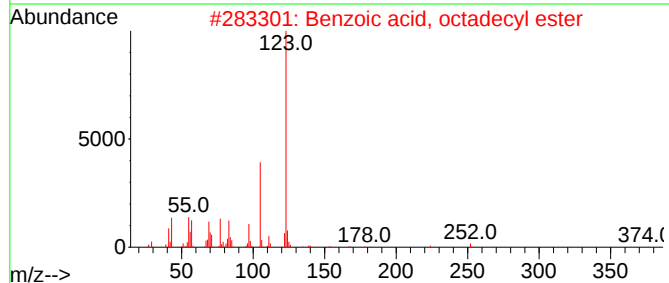
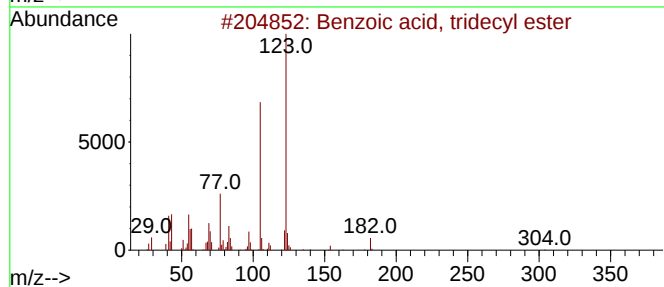
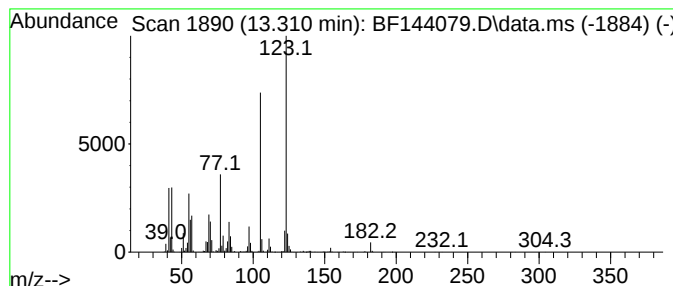
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzoic acid, tridecyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	155.69 ng	2489200	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
2			Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	87
3			Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	87
4			Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	86
5			Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144079.D
Acq On : 27 Oct 2025 13:04
Operator : RC/JU
Sample : Q3385-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

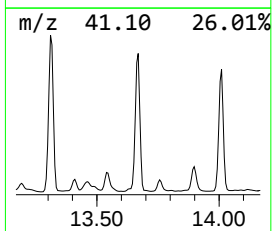
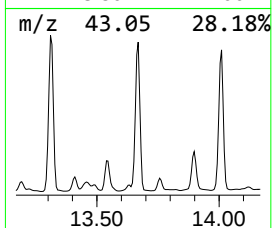
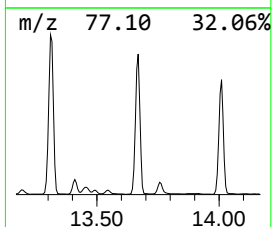
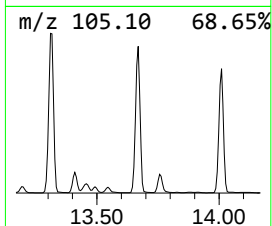
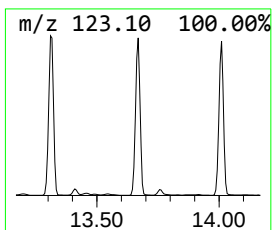
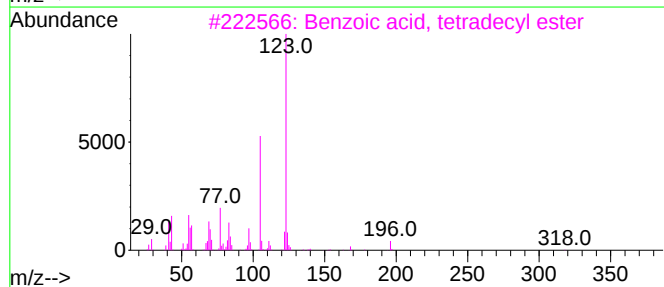
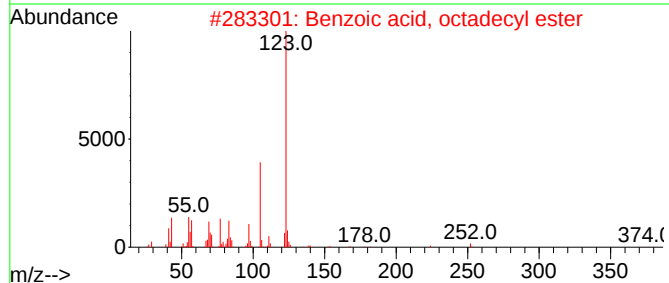
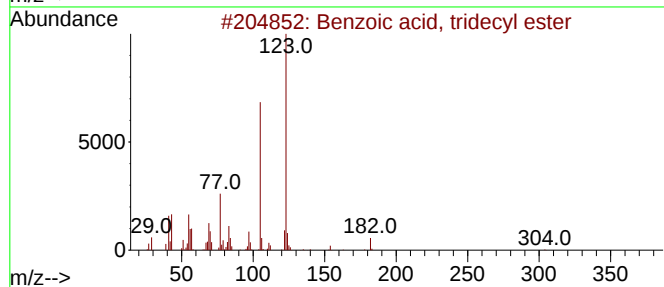
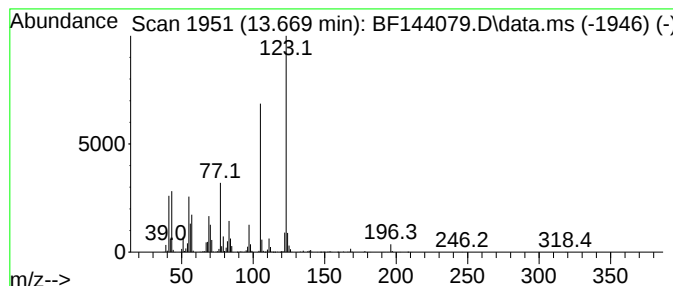
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzoic acid, octadecyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	139.23 ng	2225950	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
2			Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91
3			Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	90
4			Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	90
5			Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144079.D
Acq On : 27 Oct 2025 13:04
Operator : RC/JU
Sample : Q3385-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic ac...	12.069	43.9	ng	723447	4	11.410	329605	20.0
11-Octadecenoic...	12.504	47.8	ng	788375	4	11.410	329605	20.0
Methyl stearate	12.592	43.2	ng	711382	4	11.410	329605	20.0
(E)-9-Octadecen...	12.763	473.5	ng	7570600	5	14.057	319753	20.0
Octadecanoic ac...	12.851	409.7	ng	6550690	5	14.057	319753	20.0
Benzoic acid, t...	12.945	170.8	ng	2730210	5	14.057	319753	20.0
Benzoic acid, t...	13.310	155.7	ng	2489200	5	14.057	319753	20.0
Benzoic acid, o...	13.669	139.2	ng	2225950	5	14.057	319753	20.0