

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025635.D
 Acq On : 29 Aug 2025 21:34
 Operator : CG/JU
 Sample : Q2973-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-082825

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_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025635.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.026	11	15	20	rBV	177158	228188	9.21%	0.976%
2	4.937	334	340	348	rBV	57690	86072	3.48%	0.368%
3	5.396	412	418	430	rBV	421525	704475	28.45%	3.012%
4	6.967	677	685	696	rBV	367350	684513	27.64%	2.927%
5	7.772	814	822	832	rBV	652865	993774	40.13%	4.249%
6	8.913	1006	1016	1026	rBV	248892	466711	18.85%	1.996%
7	10.549	1285	1294	1306	rBV	705085	1373546	55.47%	5.873%
8	12.996	1704	1710	1727	rBV	716693	1148295	46.37%	4.910%
9	13.707	1826	1831	1836	rBV2	22524	40845	1.65%	0.175%
10	14.113	1894	1900	1914	rVB	52158	100512	4.06%	0.430%
11	14.390	1939	1947	1955	rBV	1212391	1781321	71.93%	7.617%
12	14.796	2012	2016	2024	rVB2	22745	35982	1.45%	0.154%
13	14.872	2026	2029	2035	rVB5	15562	26725	1.08%	0.114%
14	15.025	2048	2055	2060	rBV6	20115	47443	1.92%	0.203%
15	15.454	2123	2128	2132	rBV3	32650	52569	2.12%	0.225%
16	15.678	2163	2166	2173	rVB8	14967	27331	1.10%	0.117%
17	15.778	2177	2183	2190	rVB	106684	169582	6.85%	0.725%
18	15.907	2199	2205	2214	rBV	504227	847441	34.22%	3.623%
19	16.143	2241	2245	2254	rVB4	44852	95594	3.86%	0.409%
20	16.531	2308	2311	2317	rVB5	24568	29215	1.18%	0.125%
21	16.960	2381	2384	2388	rVB2	39993	46769	1.89%	0.200%
22	17.013	2389	2393	2403	rVB2	52250	92279	3.73%	0.395%
23	17.195	2418	2424	2428	rBV2	1354284	2076364	83.85%	8.878%
24	17.231	2428	2430	2438	rVB	259938	379625	15.33%	1.623%
25	17.331	2444	2447	2453	rVB	83846	123447	4.99%	0.528%
26	17.725	2511	2514	2519	rVB2	56099	75349	3.04%	0.322%
27	17.795	2523	2526	2532	rVV	40049	66095	2.67%	0.283%
28	17.942	2548	2551	2557	rVB	39609	68429	2.76%	0.293%
29	18.101	2574	2578	2580	rBV	89804	131635	5.32%	0.563%
30	18.137	2580	2584	2592	rVB3	337436	599097	24.19%	2.562%
31	18.295	2606	2611	2616	rBV2	138343	248978	10.05%	1.065%
32	18.448	2633	2637	2642	rBV2	98719	130438	5.27%	0.558%
33	18.925	2715	2718	2721	rBV4	68086	88910	3.59%	0.380%
34	19.048	2736	2739	2743	rVB2	144299	189270	7.64%	0.809%
35	19.095	2743	2747	2753	rBV5	179042	286791	11.58%	1.226%
36	19.319	2781	2785	2790	rBV	672656	930049	37.56%	3.977%

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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_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.454	2805	2808	2817	rBV4	228298	425362	17.18%	1.819%
38	19.695	2845	2849	2857	rVB	931702	1301495	52.56%	5.565%
39	19.913	2882	2886	2891	rBV	1559772	1722667	69.57%	7.366%
40	20.254	2941	2944	2948	rBV	212116	248062	10.02%	1.061%
41	20.772	3029	3032	3035	rVB	272531	267410	10.80%	1.143%
42	21.630	3172	3178	3183	rBV2	1257611	2472460	99.84%	10.572%
43	25.001	3746	3751	3761	rVB2	866650	2476313	100.00%	10.588%

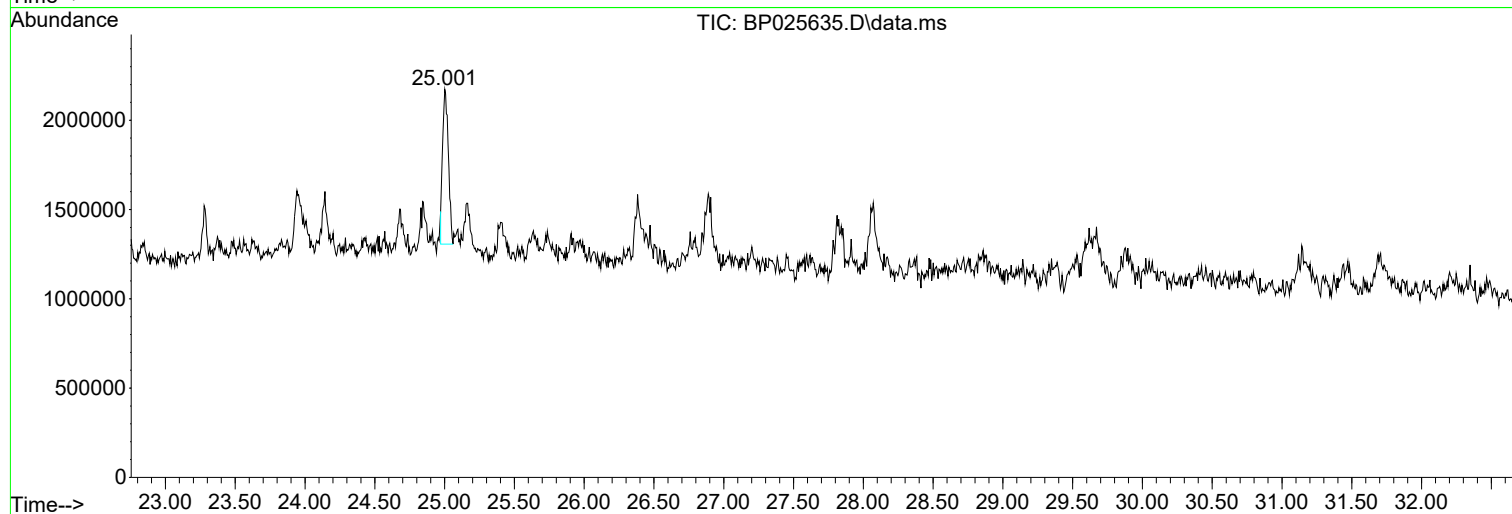
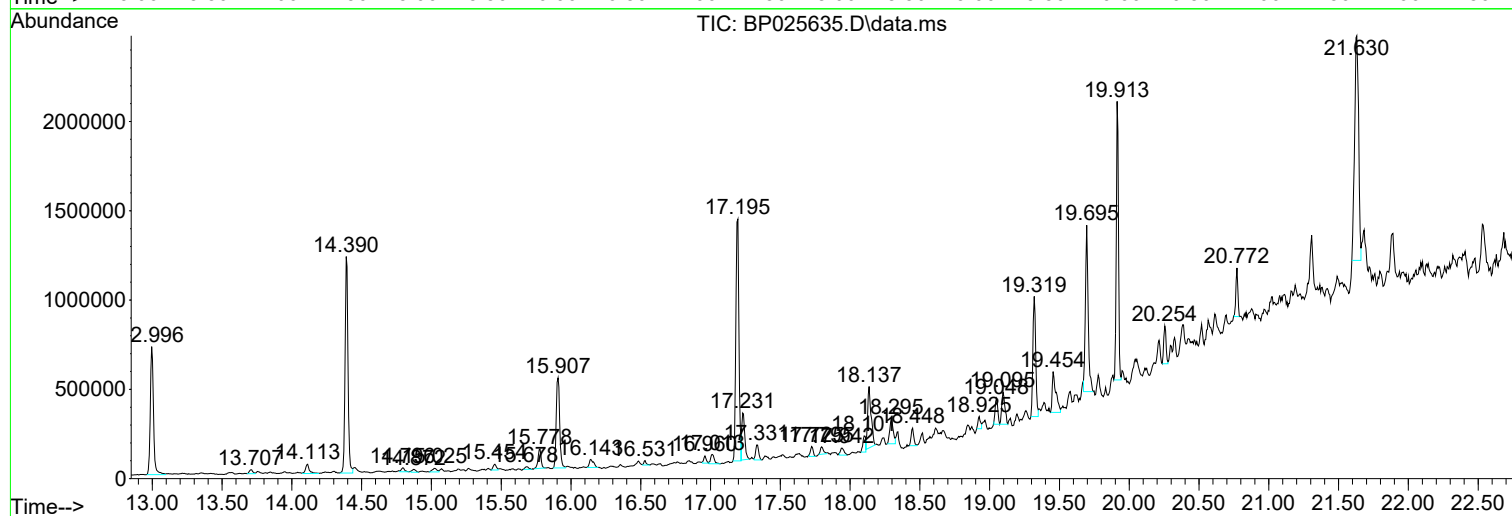
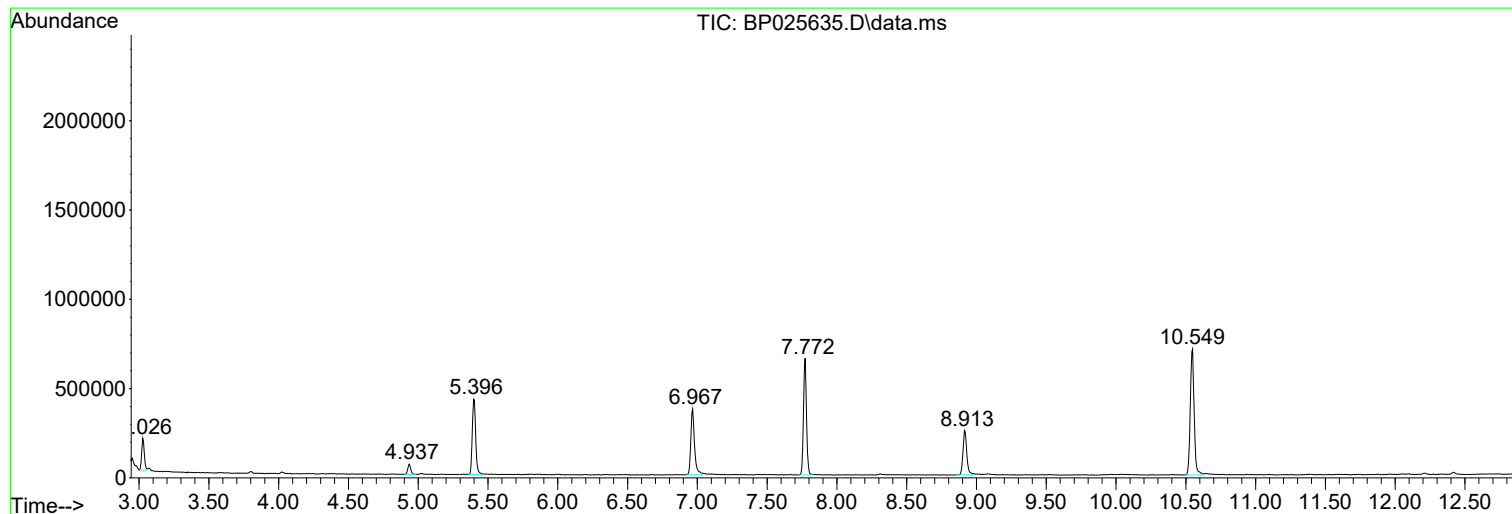
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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OK-01-082825

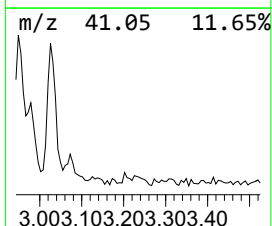
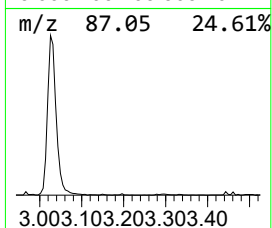
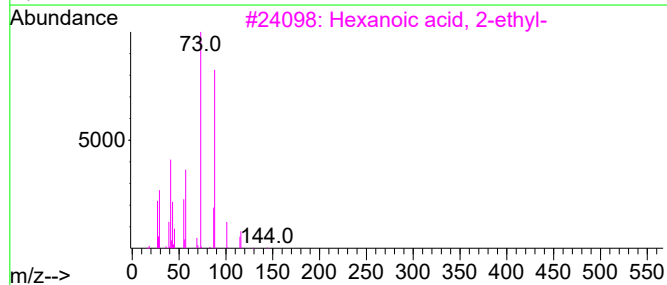
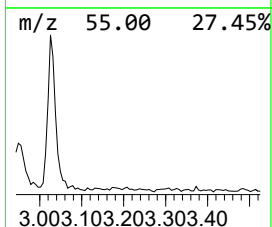
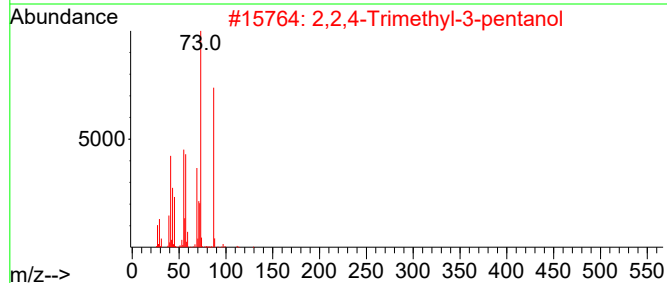
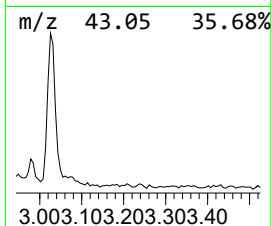
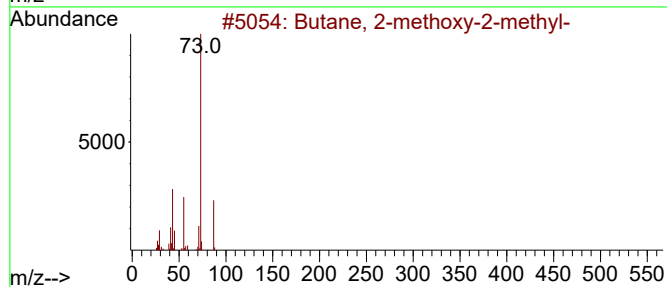
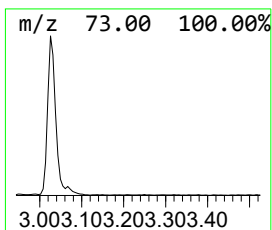
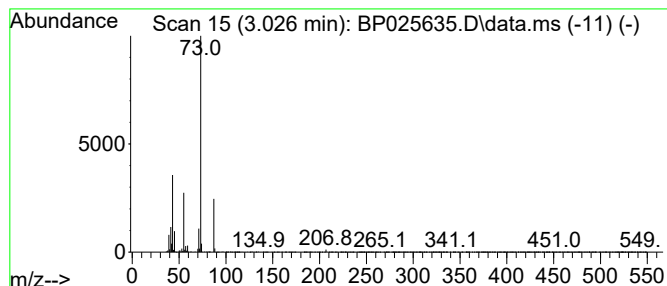
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.026	4.59 ng	228188	1,4-Dichlorobenzene-d4	7.772

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	33
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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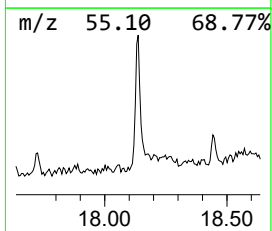
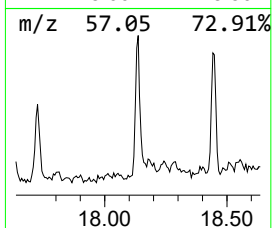
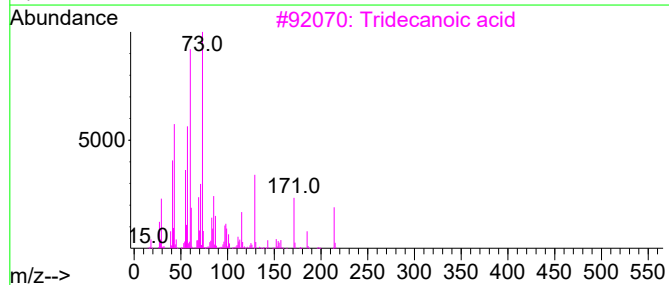
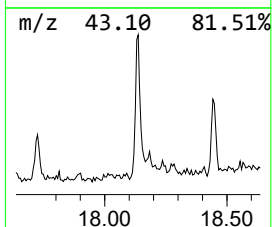
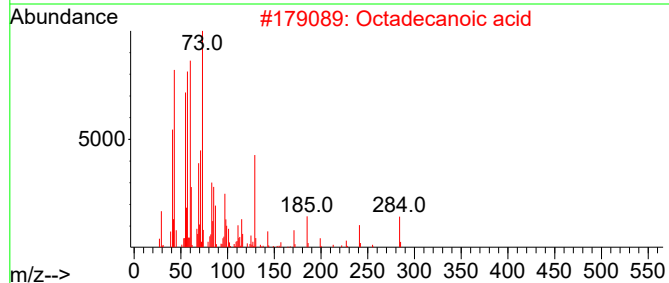
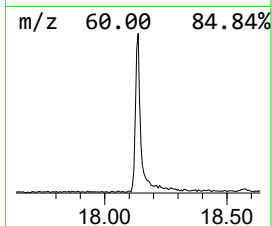
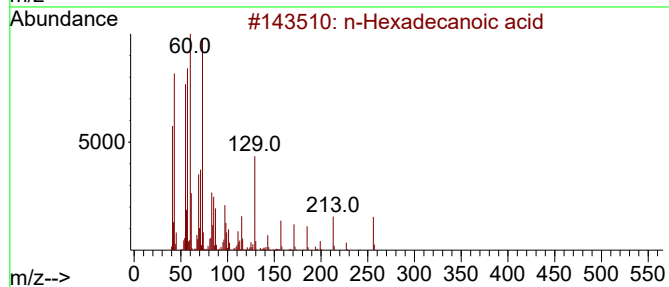
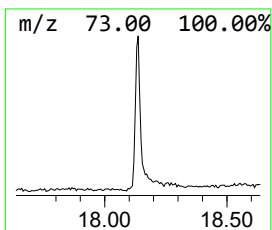
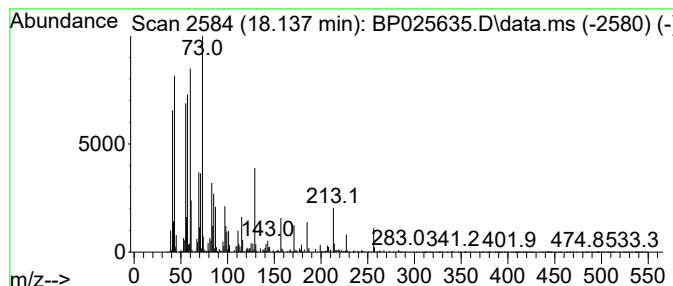
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.137	5.77 ng	599097	Phenanthrene-d10	17.195

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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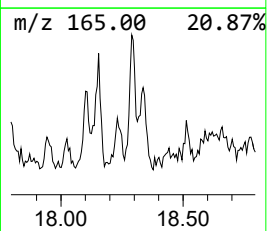
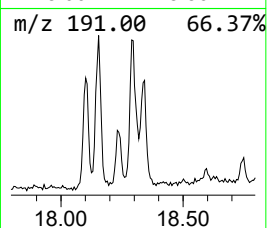
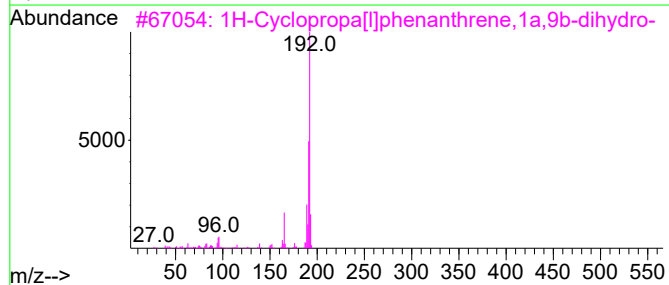
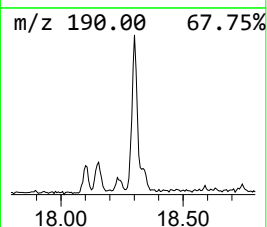
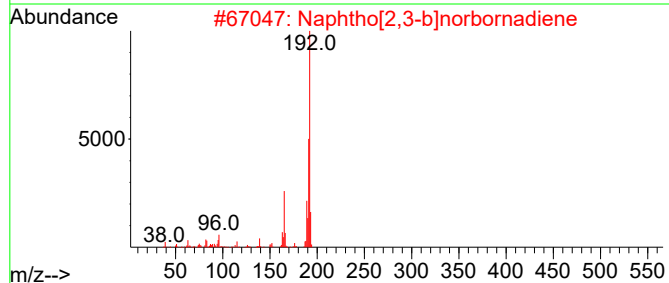
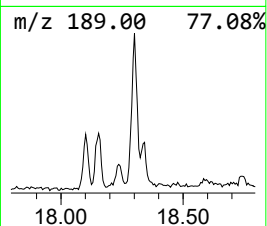
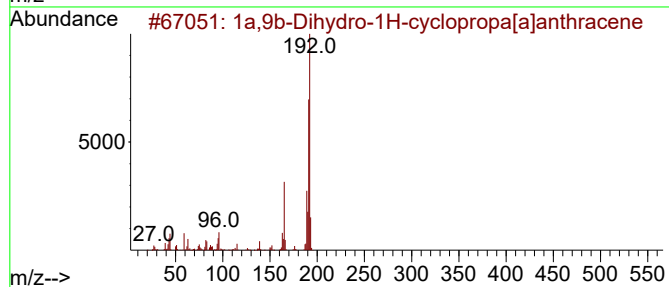
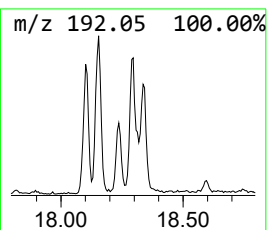
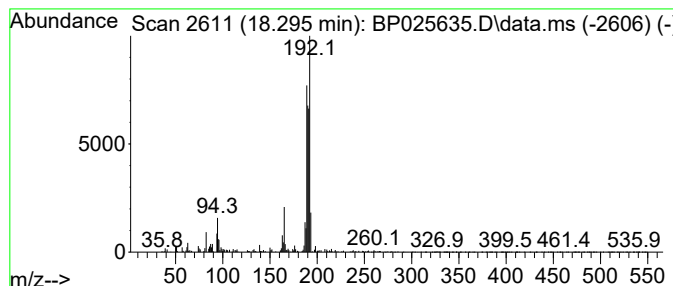
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	2.40 ng	248978	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	50
2			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49



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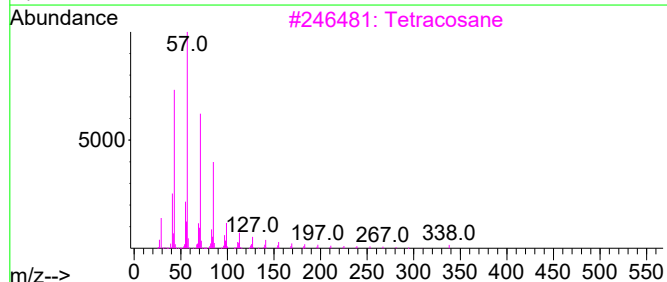
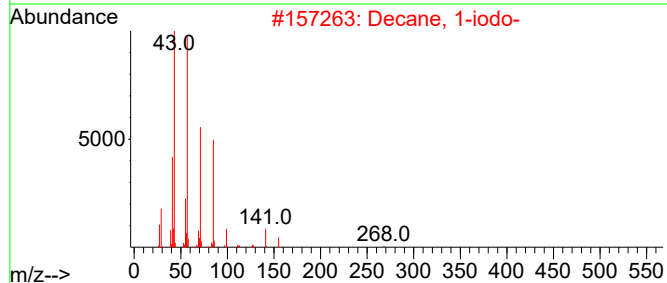
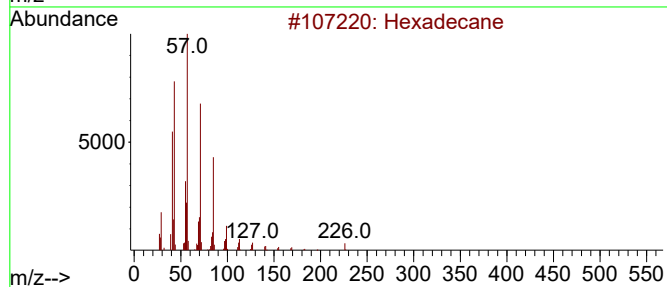
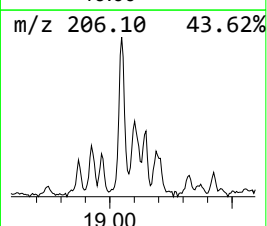
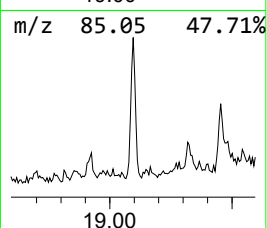
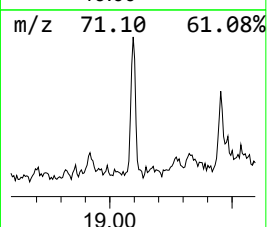
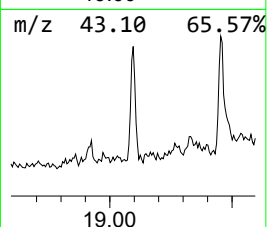
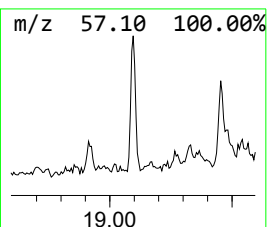
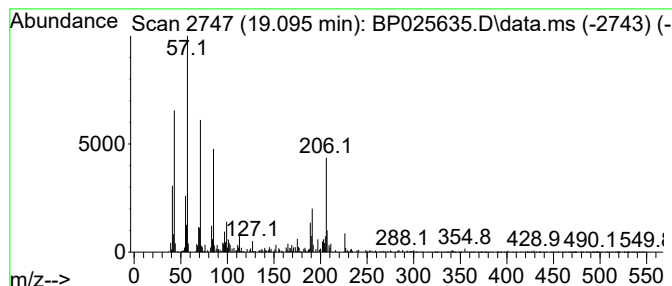
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.095	2.76 ng	286791	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	55
2			Decane, 1-iodo-	268	C10H21I	002050-77-3	50
3			Tetracosane	338	C24H50	000646-31-1	49
4			Di-n-decylsulfone	346	C20H42O2S	111530-37-1	49
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46



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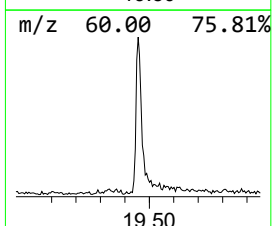
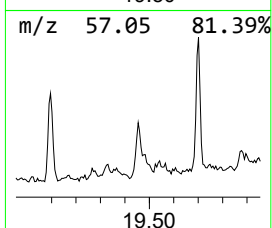
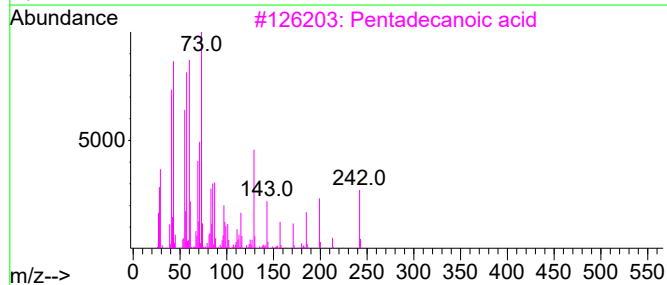
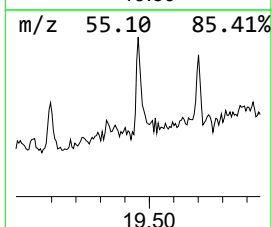
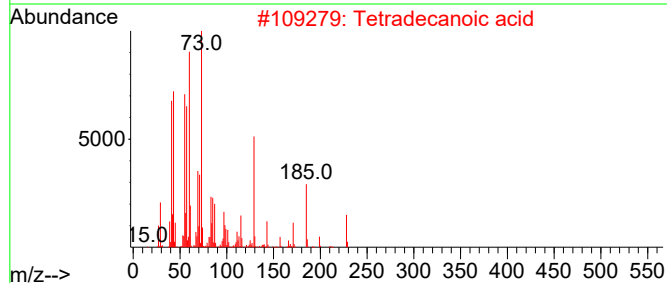
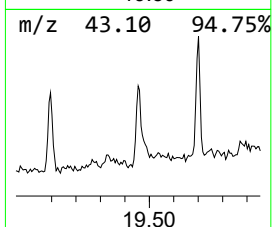
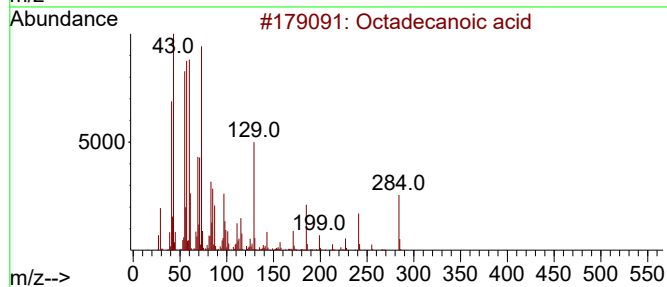
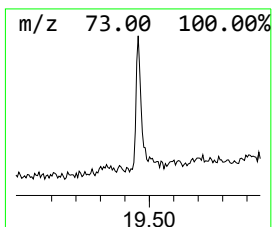
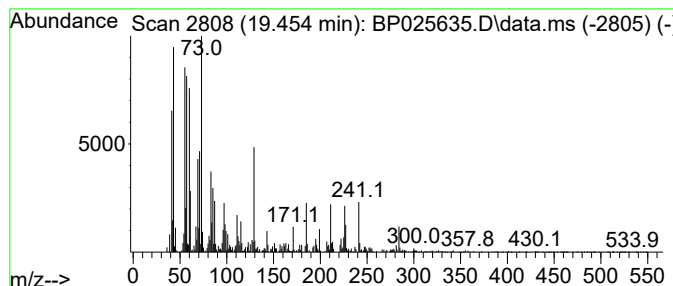
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.454	3.44 ng	425362	Chrysene-d12	21.631

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	50
5			n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025635.D
Acq On : 29 Aug 2025 21:34
Operator : CG/JU
Sample : Q2973-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-082825

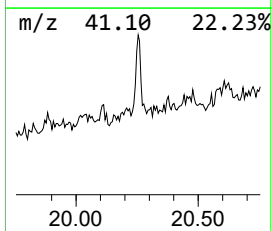
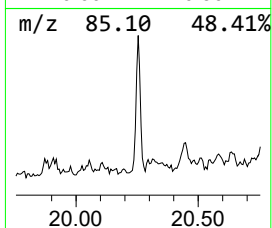
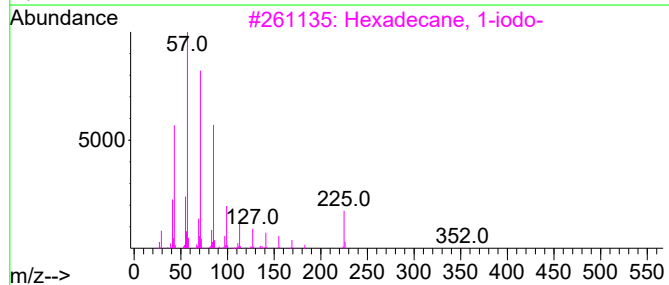
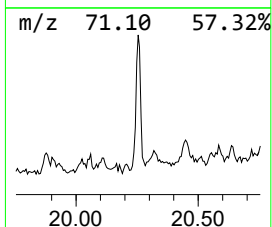
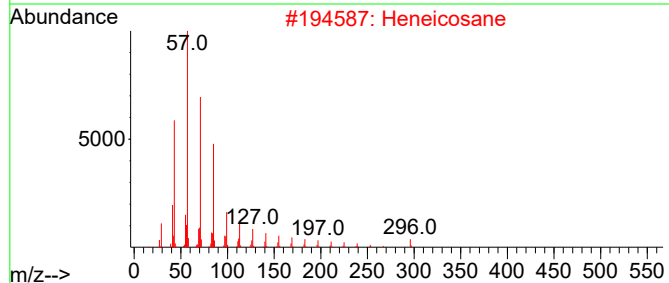
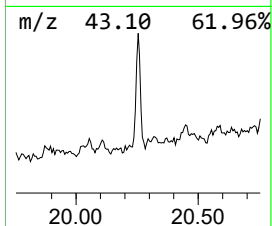
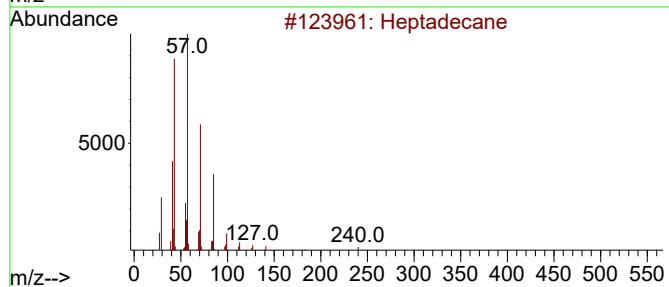
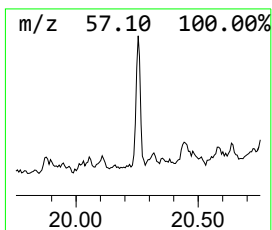
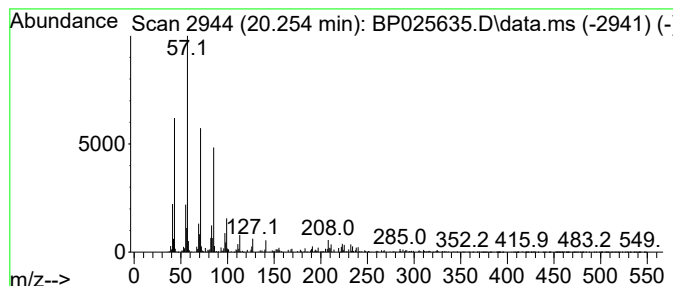
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.254	2.01 ng	248062	Chrysene-d12	21.631

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Heneicosane	296	C21H44	000629-94-7	91
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	89
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	87
5			Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025635.D
Acq On : 29 Aug 2025 21:34
Operator : CG/JU
Sample : Q2973-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-082825

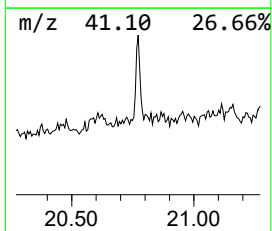
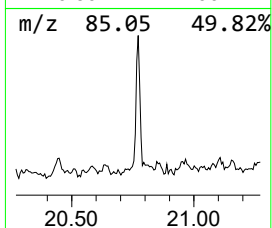
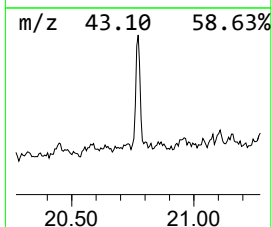
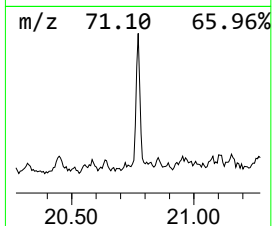
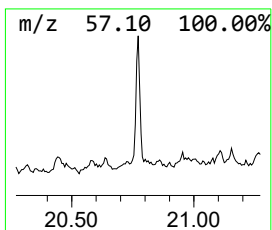
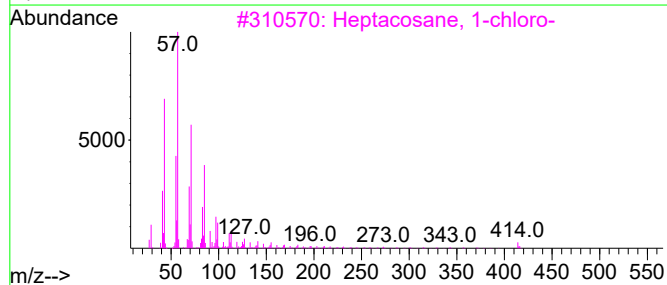
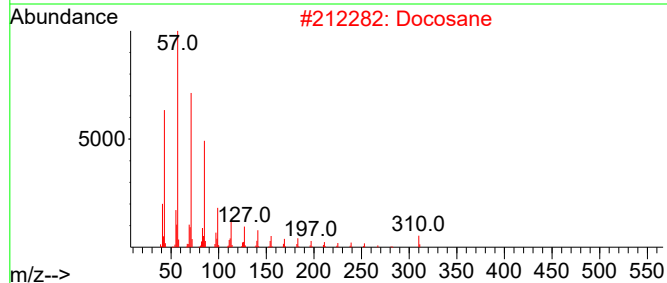
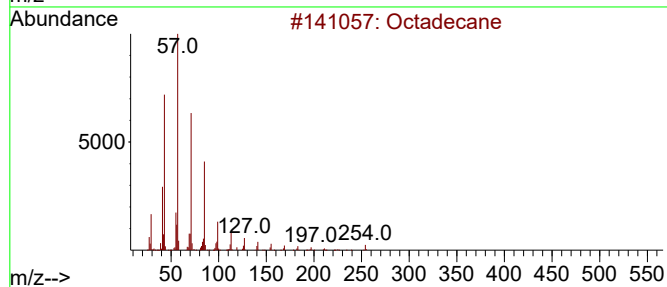
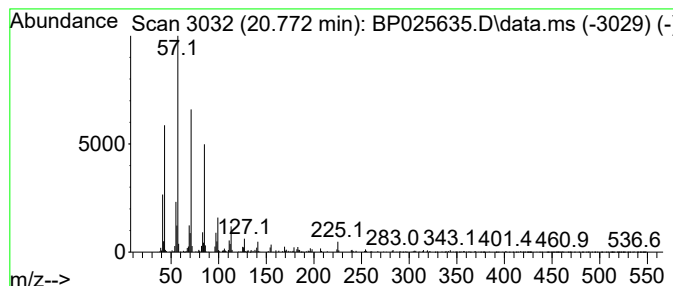
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.772	2.16 ng	267410	Chrysene-d12	21.631

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Docosane	310	C22H46	000629-97-0	95
3			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
4			Heptadecane	240	C17H36	000629-78-7	87
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025635.D
Acq On : 29 Aug 2025 21:34
Operator : CG/JU
Sample : Q2973-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-082825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.026	4.6	ng	228188	1	7.772	993774	20.0
n-Hexadecanoic ...	18.137	5.8	ng	599097	4	17.195	2076360	20.0
1a,9b-Dihydro-1...	18.295	2.4	ng	248978	4	17.195	2076360	20.0
Hexadecane	19.095	2.8	ng	286791	4	17.195	2076360	20.0
Octadecanoic acid	19.454	3.4	ng	425362	5	21.631	2472460	20.0
Heptadecane	20.254	2.0	ng	248062	5	21.631	2472460	20.0
Octadecane	20.772	2.2	ng	267410	5	21.631	2472460	20.0