

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025136.D
 Acq On : 15 Jul 2025 02:03
 Operator : CG/JU
 Sample : Q2564-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0030

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-BP070325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025136.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	288	293	299	rBV	116049	159475	1.79%	0.183%
2	5.102	362	368	378	rVB	1289218	1915564	21.46%	2.194%
3	6.631	620	628	639	rBV	1413884	2084636	23.35%	2.387%
4	7.443	758	766	774	rBV	2368177	3559601	39.87%	4.076%
5	8.566	950	957	971	rVB	843757	1335173	14.96%	1.529%
6	10.184	1226	1232	1241	rVB	3141596	5105795	57.19%	5.847%
7	12.690	1648	1658	1664	rBV	2575624	3785706	42.40%	4.335%
8	12.860	1683	1687	1696	rVB2	108361	182101	2.04%	0.209%
9	13.360	1769	1772	1776	rBV6	75362	117695	1.32%	0.135%
10	13.448	1784	1787	1792	rVB4	189156	256779	2.88%	0.294%
11	13.507	1792	1797	1803	rBV	467818	737187	8.26%	0.844%
12	13.613	1812	1815	1817	rBV	145743	175029	1.96%	0.200%
13	13.754	1837	1839	1843	rBV4	101662	149493	1.67%	0.171%
14	13.837	1848	1853	1858	rBV5	276431	543233	6.08%	0.622%
15	13.925	1865	1868	1874	rVB	686179	1069818	11.98%	1.225%
16	14.007	1879	1882	1887	rVB3	164203	252538	2.83%	0.289%
17	14.084	1887	1895	1904	rBV	5014599	8769866	98.23%	10.043%
18	14.401	1946	1949	1952	rVB	258254	317998	3.56%	0.364%
19	14.442	1953	1956	1962	rBV	426524	717598	8.04%	0.822%
20	14.789	2011	2015	2020	rVB4	557425	785597	8.80%	0.900%
21	14.848	2022	2025	2029	rVV4	490613	875833	9.81%	1.003%
22	14.907	2031	2035	2043	rVB	1875900	2937114	32.90%	3.364%
23	15.436	2122	2125	2130	rVB	1037416	1366123	15.30%	1.564%
24	15.607	2150	2154	2158	rBV	1787770	2742134	30.71%	3.140%
25	15.872	2196	2199	2203	rBV	1043308	1435635	16.08%	1.644%
26	15.936	2205	2210	2214	rVB	5716165	7725875	86.54%	8.848%
27	16.783	2349	2354	2359	rVB	3609103	5995083	67.15%	6.866%
28	16.913	2372	2376	2380	rBV2	5547452	7130873	79.87%	8.166%
29	19.666	2840	2844	2854	rVB	4864782	7682047	86.05%	8.798%
30	21.348	3124	3130	3137	rBV2	5086139	8927743	100.00%	10.224%
31	24.471	3654	3661	3670	rBV	3355873	8481433	95.00%	9.713%

Sum of corrected areas: 87320775

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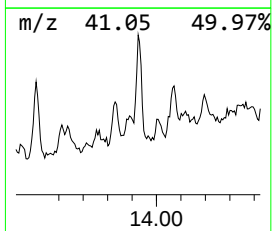
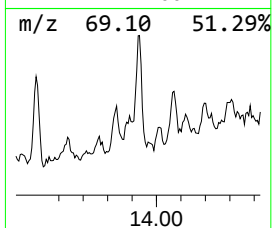
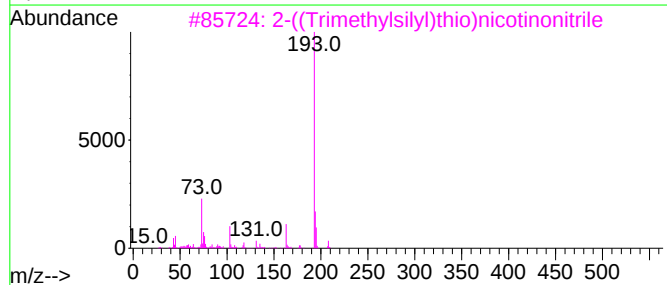
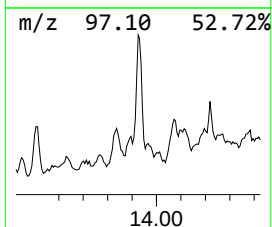
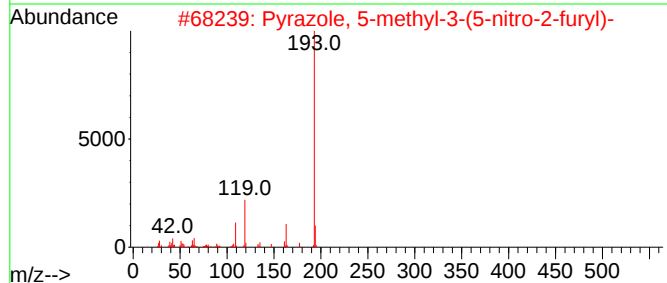
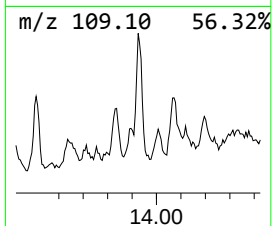
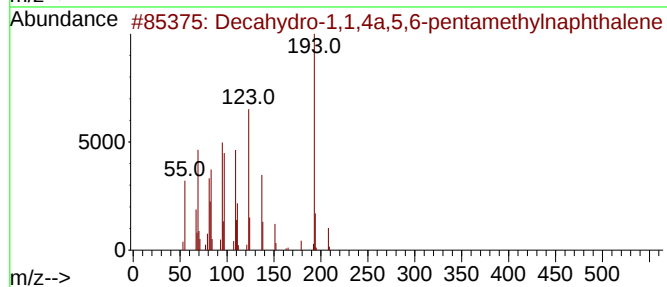
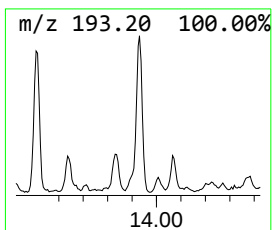
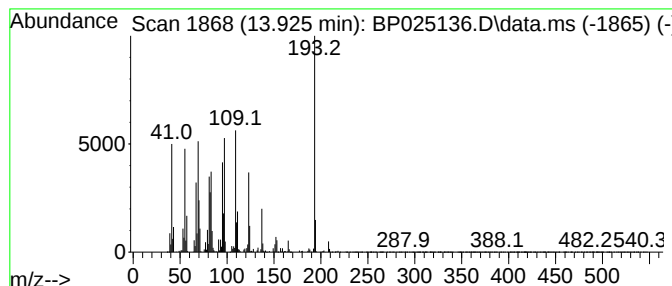
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown13.925 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.925	2.44 ng	1069820	Acenaphthene-d10	14.084

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	47
2			Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	25
3			2-((Trimethylsilyl)thio)nicotino...	208	C9H12N2SSi	1000474-02-5	22
4			1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	18
5			Methyl tetrahydroionol	212	C14H28O	060241-53-4	16



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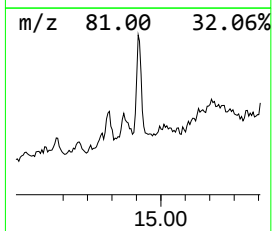
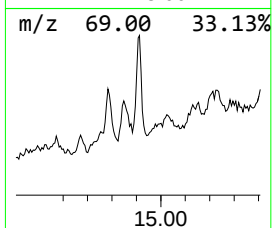
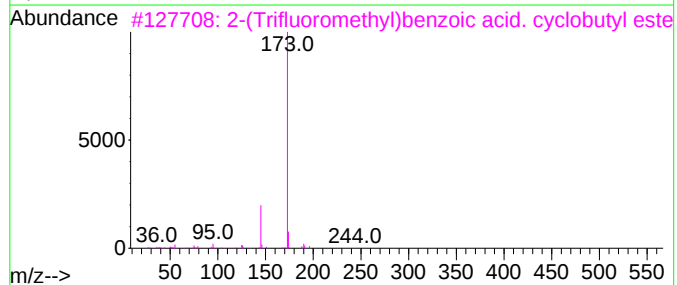
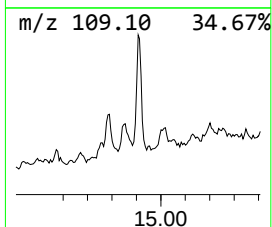
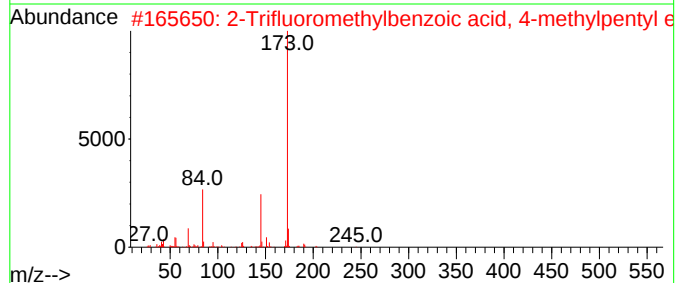
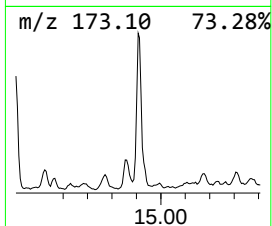
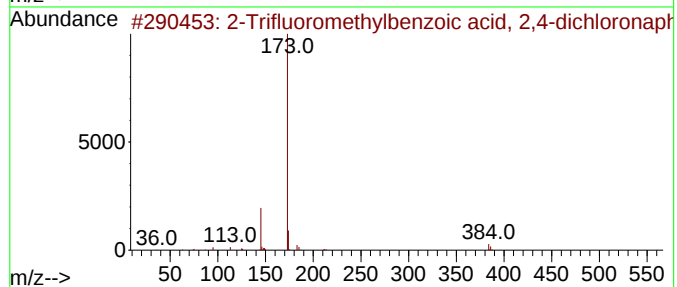
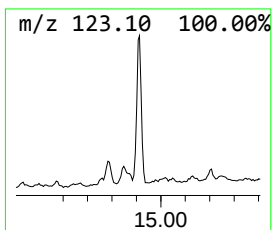
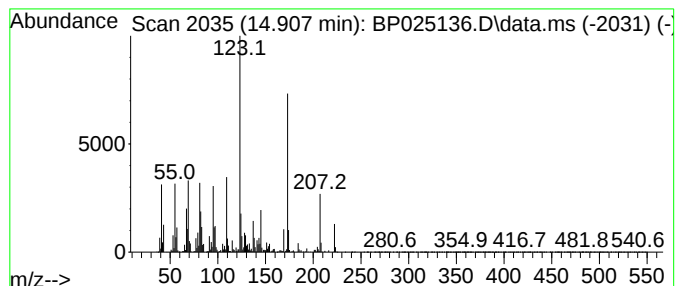
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 unknown14.907 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.907	6.70 ng	2937110	Acenaphthene-d10	14.084

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Trifluoromethylbenzoic acid, 2...	384	C18H9Cl2F3O2	1000331-17-2	27		
2	2-Trifluoromethylbenzoic acid, 4...	274	C14H17F3O2	1000282-28-8	27		
3	2-(Trifluoromethyl)benzoic acid...	244	C12H11F3O2	1000283-01-9	27		
4	2-Trifluoromethylbenzoic acid, 2...	302	C16H21F3O2	1000282-64-8	27		
5	4-Trifluoromethylbenzoic acid, 4...	311	C14H8F3NO4	1000307-73-9	27		



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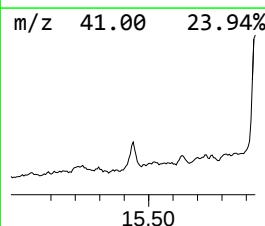
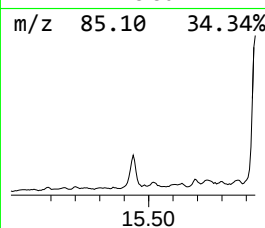
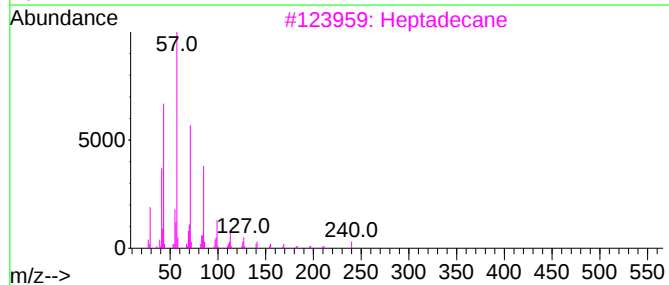
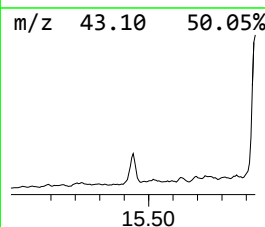
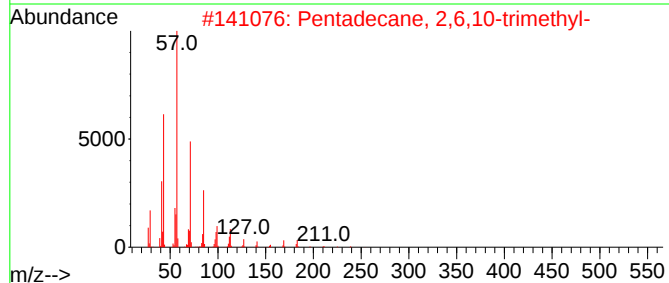
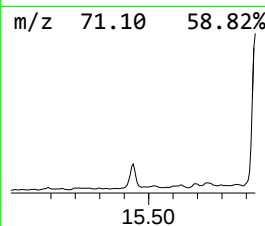
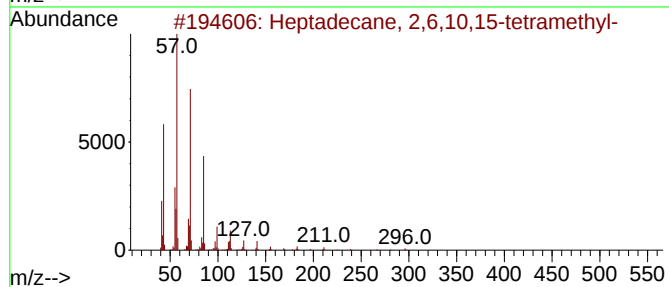
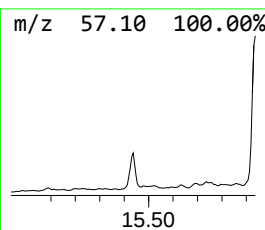
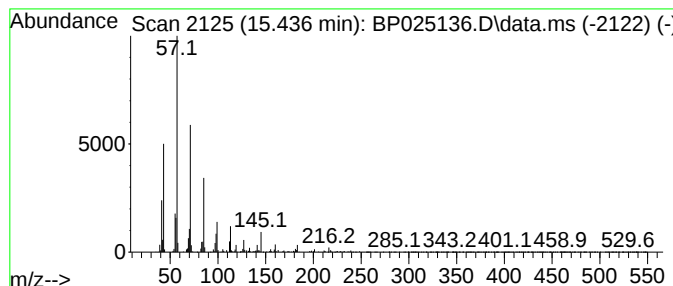
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.436	3.12 ng	1366120	Acenaphthene-d10	14.084

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3			Heptadecane	240	C17H36	000629-78-7	80
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	70



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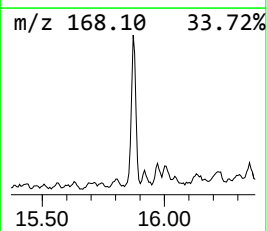
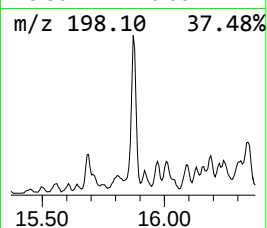
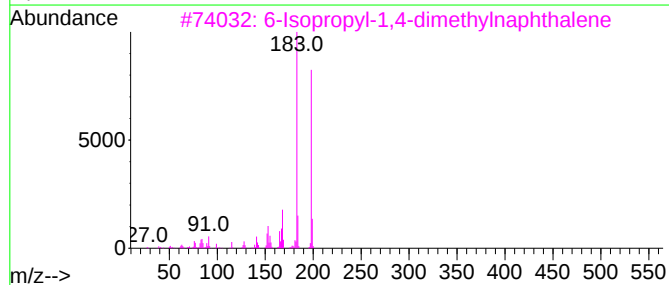
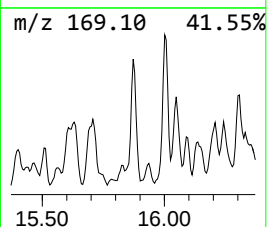
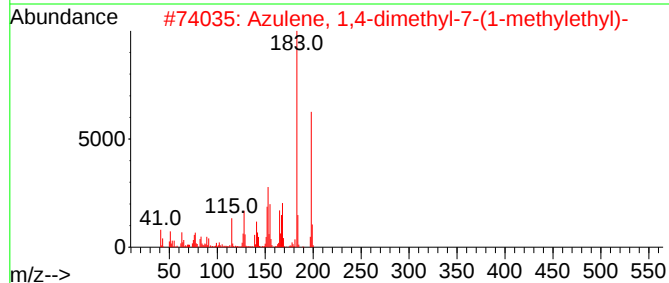
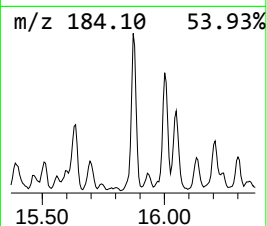
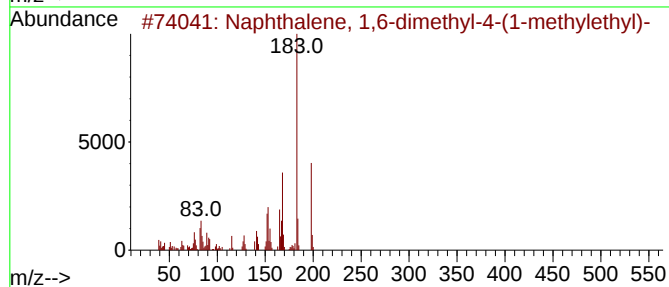
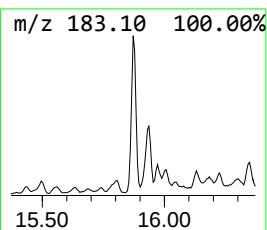
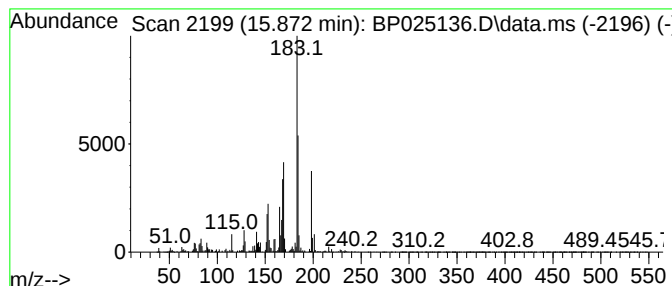
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,6-dimethyl-4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.872	4.03 ng	1435640	Phenanthrene-d10	16.913

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	89
2			Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	86
3			6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	62
4			4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	42
5			p-Benzylphenol	184	C13H12O	000101-53-1	42



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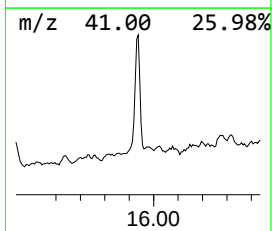
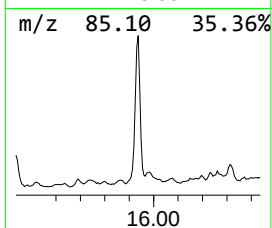
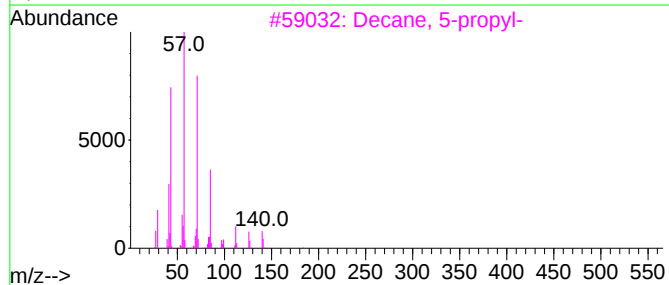
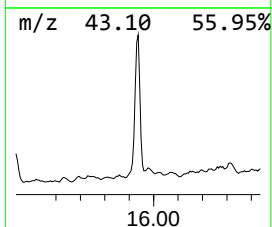
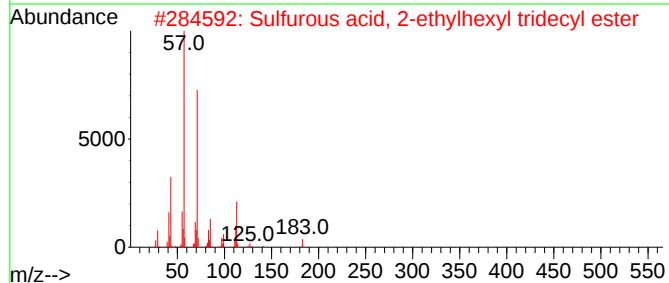
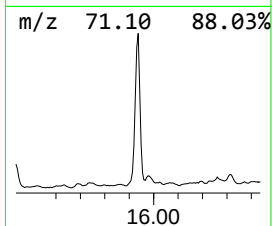
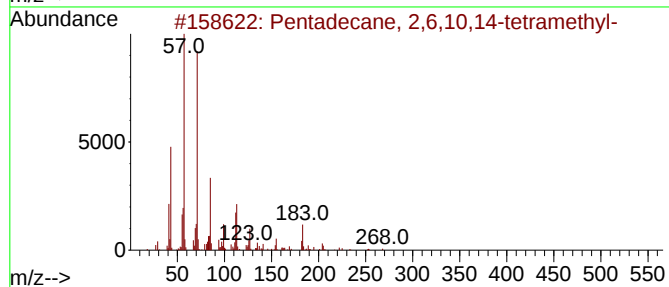
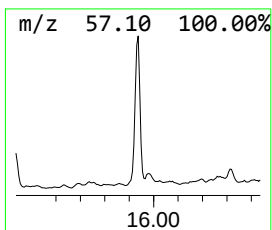
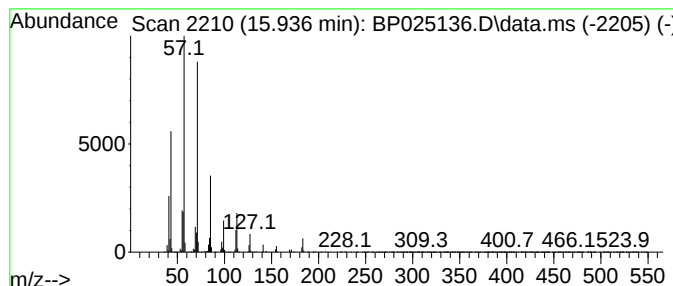
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Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.936	21.67 ng	7725880	Phenanthrene-d10	16.913

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	96
2			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
3			Decane, 5-propyl-	184	C13H28	017312-62-8	72
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



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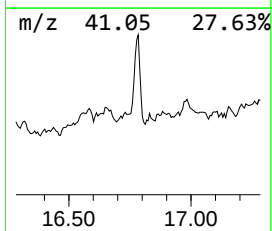
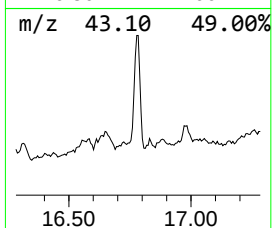
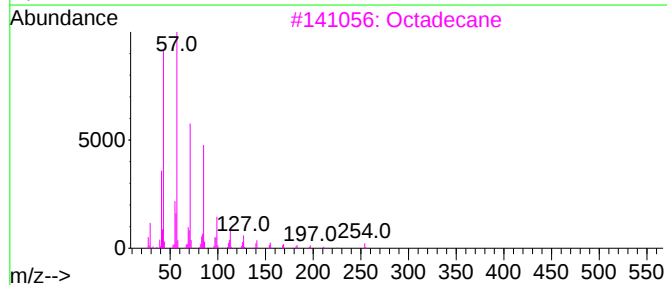
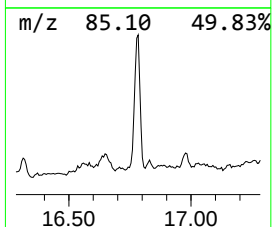
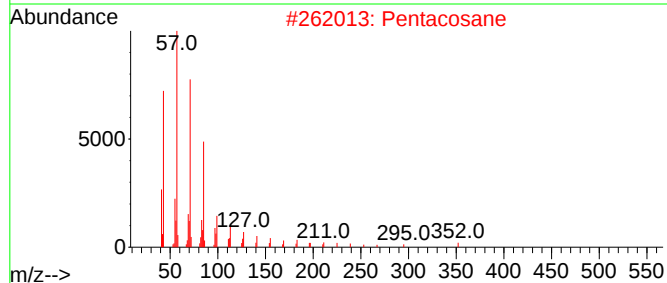
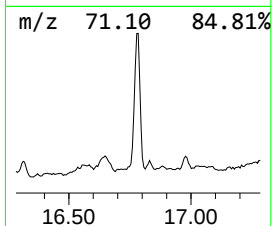
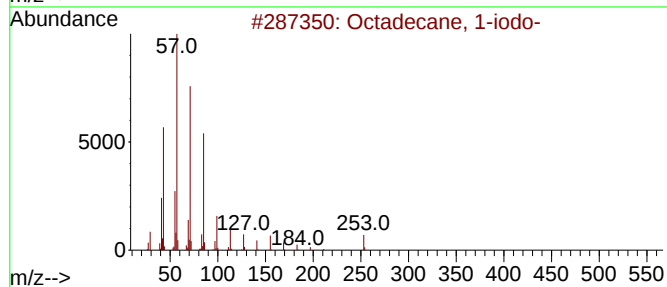
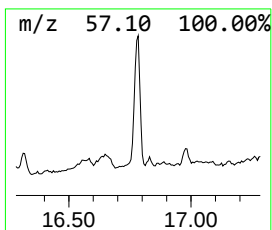
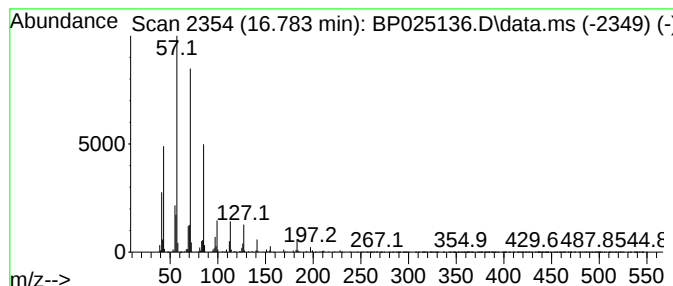
Instrument :
BNA_P
ClientSampleId :
ARS20-0030

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.783	16.81 ng	5995080	Phenanthrene-d10		16.913	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	90
2	Pentacosane		352	C25H52	000629-99-2	90
3	Octadecane		254	C18H38	000593-45-3	90
4	Hexadecane		226	C16H34	000544-76-3	87
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025136.D
Acq On : 15 Jul 2025 02:03
Operator : CG/JU
Sample : Q2564-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0030

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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
unknown13.925	13.925	2.4	ng	1069820	3	14.084	8769870	20.0
unknown14.907	14.907	6.7	ng	2937110	3	14.084	8769870	20.0
Heptadecane, 2,...	15.436	3.1	ng	1366120	3	14.084	8769870	20.0
Naphthalene, 1,...	15.872	4.0	ng	1435640	4	16.913	7130870	20.0
Pentadecane, 2,...	15.936	21.7	ng	7725880	4	16.913	7130870	20.0
Octadecane, 1-i...	16.783	16.8	ng	5995080	4	16.913	7130870	20.0