

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025162.D
 Acq On : 16 Jul 2025 17:36
 Operator : CG/JU
 Sample : Q2529-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-80

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: BP025162.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	445737	585632	3.43%	0.389%
2	5.102	362	368	380	rBV	4728758	6956810	40.74%	4.619%
3	6.637	622	629	645	rVB	5107821	7242727	42.42%	4.809%
4	7.437	758	765	773	rBV	2115754	3105842	18.19%	2.062%
5	8.566	946	957	965	rBV	3029839	4683356	27.43%	3.110%
6	10.190	1225	1233	1239	rBV	2784975	4243434	24.85%	2.817%
7	12.690	1651	1658	1668	rBV	7264348	10540224	61.73%	6.998%
8	13.542	1795	1803	1810	rBV	82310	173119	1.01%	0.115%
9	13.801	1838	1847	1855	rBV	817175	1273250	7.46%	0.845%
10	14.101	1891	1898	1905	rBV	3914964	5548527	32.49%	3.684%
11	15.501	2129	2136	2146	rBV	672925	1016780	5.95%	0.675%
12	15.619	2149	2156	2169	rBV	6905501	9350610	54.76%	6.208%
13	16.925	2371	2378	2382	rBV	4379460	6272195	36.73%	4.165%
14	16.966	2382	2385	2390	rVB	951566	1211132	7.09%	0.804%
15	17.048	2395	2399	2405	rVV	477900	770168	4.51%	0.511%
16	17.107	2405	2409	2419	rVB6	85880	248913	1.46%	0.165%
17	17.819	2526	2530	2535	rBV	329309	424936	2.49%	0.282%
18	17.895	2535	2543	2550	rBV2	1175377	2383477	13.96%	1.583%
19	17.966	2551	2555	2560	rVV3	217281	414209	2.43%	0.275%
20	18.030	2561	2566	2570	rVV2	539573	999982	5.86%	0.664%
21	18.072	2570	2573	2577	rVB	358813	444170	2.60%	0.295%
22	18.354	2618	2621	2624	rBV2	179213	233898	1.37%	0.155%
23	18.395	2624	2628	2633	rVB2	290183	391303	2.29%	0.260%
24	18.713	2679	2682	2686	rVB	155469	178958	1.05%	0.119%
25	18.795	2691	2696	2702	rVV3	496975	1230037	7.20%	0.817%
26	18.854	2704	2706	2709	rVV	405889	538563	3.15%	0.358%
27	18.889	2710	2712	2715	rVV2	353741	473207	2.77%	0.314%
28	18.930	2716	2719	2728	rVB2	334339	671793	3.93%	0.446%
29	19.072	2738	2743	2749	rBV	3961249	5523993	32.35%	3.668%
30	19.219	2764	2768	2771	rVV	416743	571100	3.34%	0.379%
31	19.254	2771	2774	2781	rVB2	493364	716536	4.20%	0.476%
32	19.448	2798	2807	2818	rBV	3640972	6780862	39.71%	4.502%
33	19.636	2836	2839	2841	rBV	269513	369634	2.16%	0.245%
34	19.677	2841	2846	2860	rVB	13386571	17075726	100.00%	11.338%
35	19.807	2863	2868	2872	rBV3	264976	508895	2.98%	0.338%
36	19.889	2879	2882	2884	rBV2	256699	314627	1.84%	0.209%

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	19.930	2885	2889	2892	rBV3	509249	833808	4.88%	0.554%
38	20.136	2918	2924	2928	rBV2	811871	1486691	8.71%	0.987%
39	20.277	2945	2948	2952	rVB	421129	638596	3.74%	0.424%
40	20.324	2954	2956	2958	rBV2	273826	258970	1.52%	0.172%
41	20.730	3021	3025	3027	rBV3	477446	736400	4.31%	0.489%
42	20.760	3028	3030	3039	rVB	1001527	1515068	8.87%	1.006%
43	20.913	3052	3056	3062	rBV2	451046	1232724	7.22%	0.818%
44	21.089	3082	3086	3093	rBV3	1445266	2160541	12.65%	1.435%
45	21.354	3123	3131	3135	rBV4	4983504	10969123	64.24%	7.283%
46	21.395	3135	3138	3144	rVB	1812945	2663579	15.60%	1.769%
47	22.277	3284	3288	3294	rVB3	1096467	1847159	10.82%	1.226%
48	23.507	3490	3497	3504	rBV	2333149	6818216	39.93%	4.527%
49	24.207	3611	3616	3625	rVB	1661655	3530311	20.67%	2.344%
50	24.336	3632	3638	3651	rVB	1613819	4304390	25.21%	2.858%
51	24.483	3656	3663	3672	rBV	2956563	8145906	47.70%	5.409%

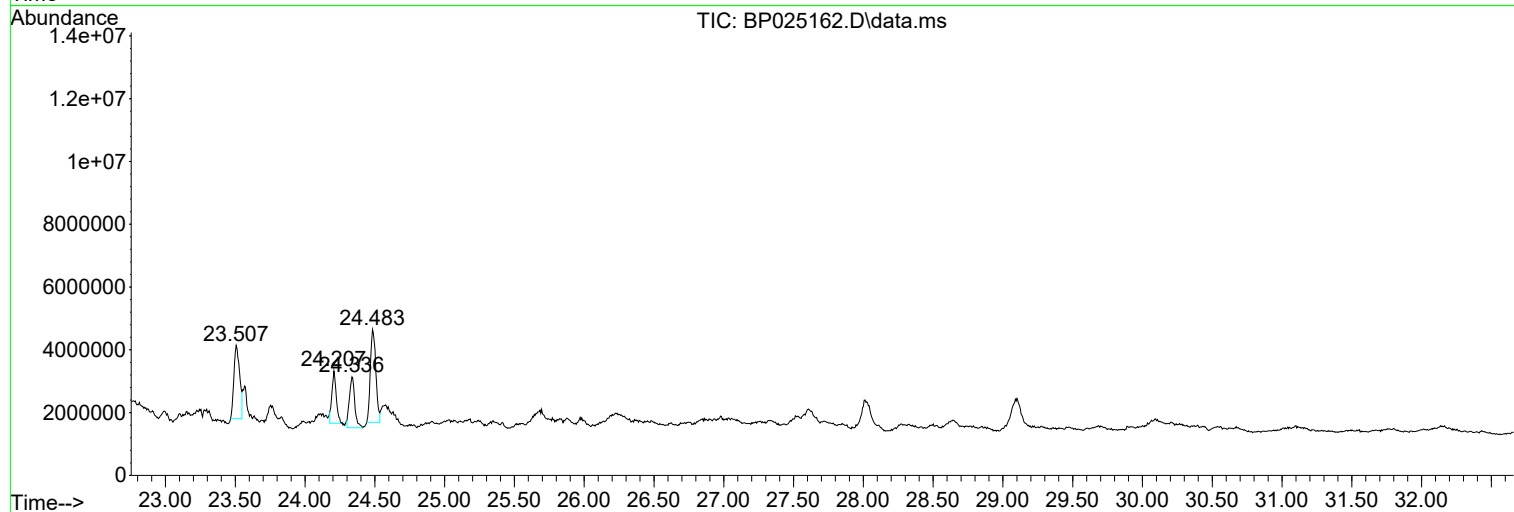
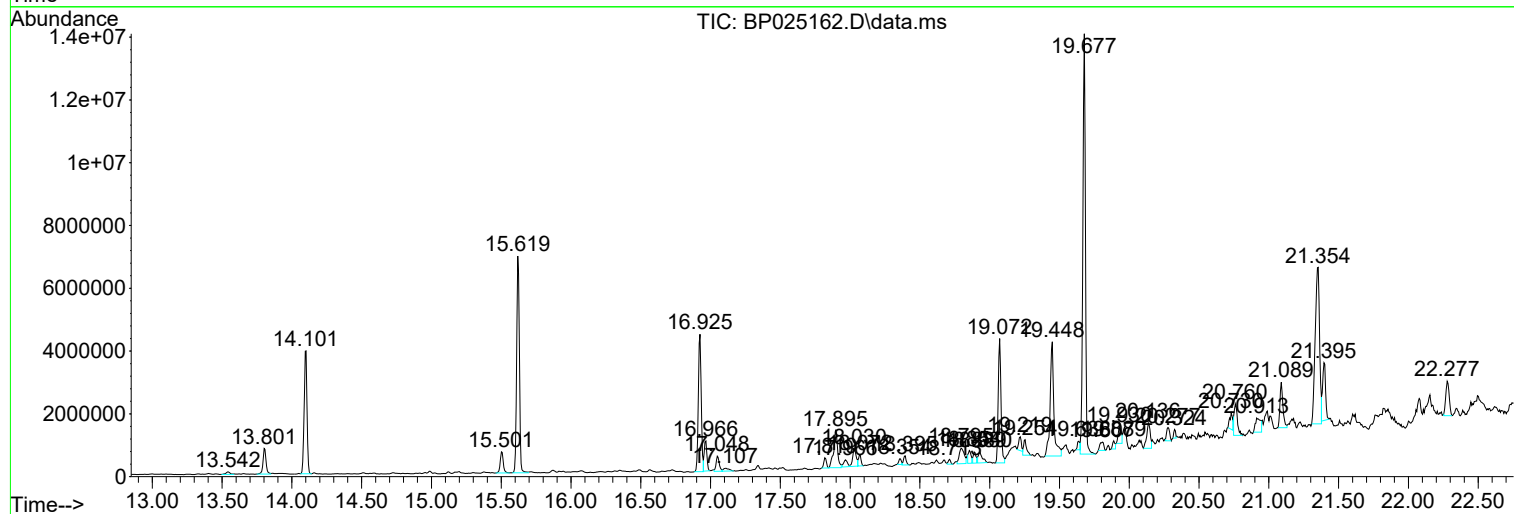
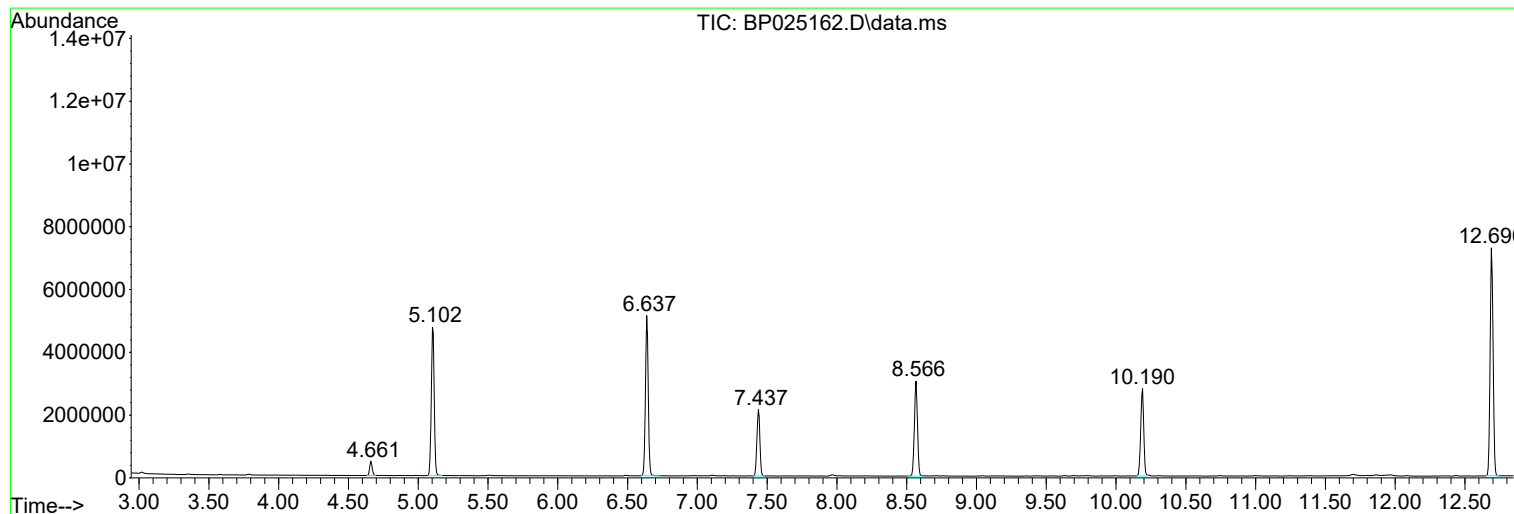
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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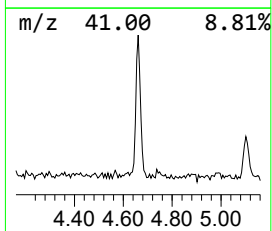
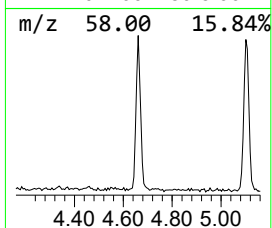
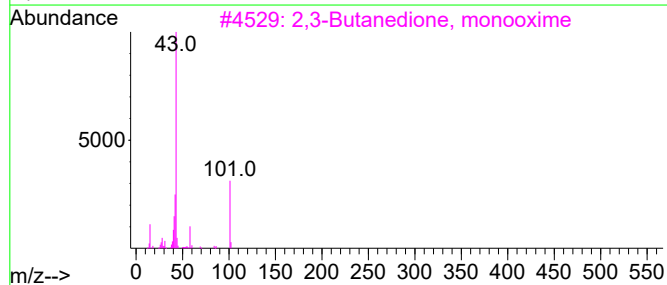
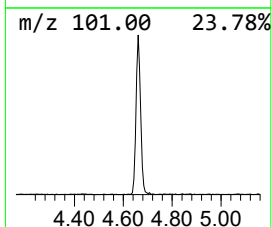
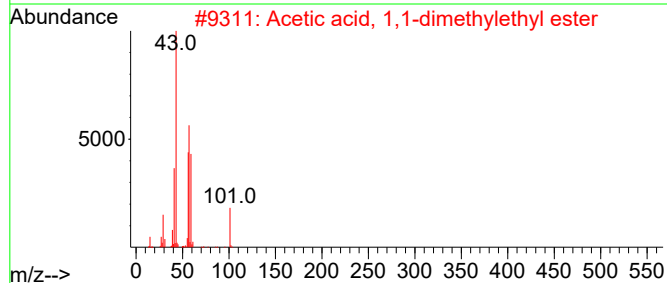
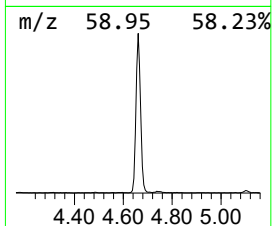
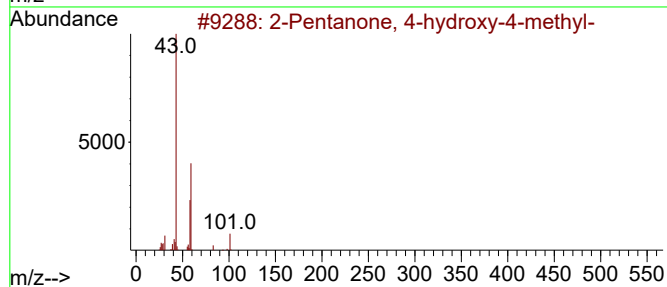
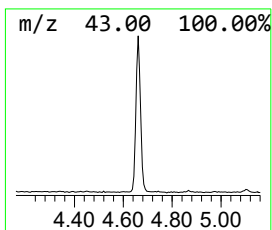
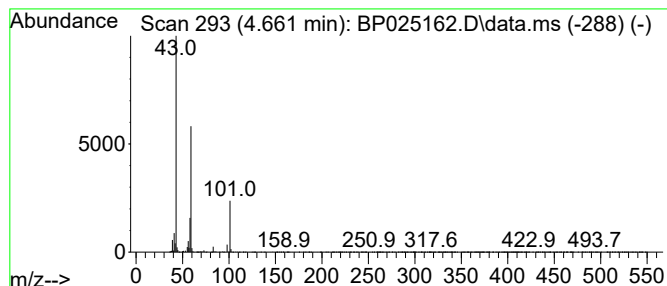
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.661	3.77 ng	585632	1,4-Dichlorobenzene-d4	7.437

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		



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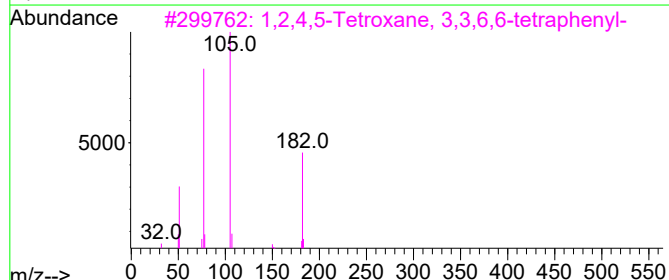
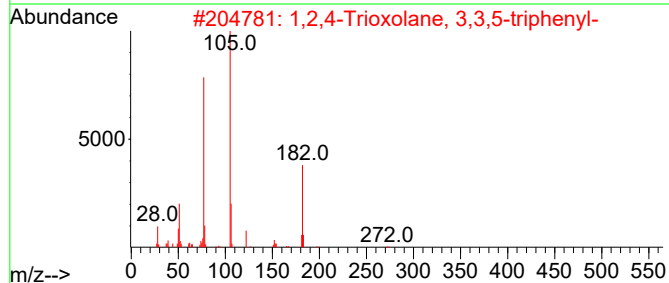
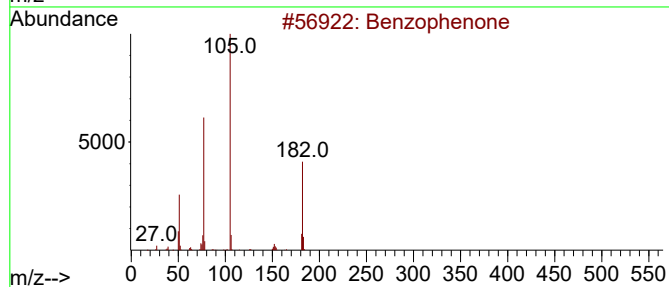
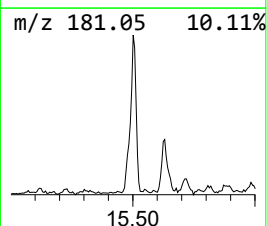
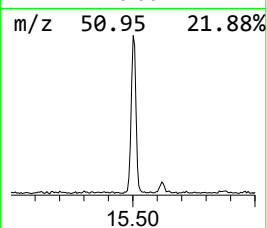
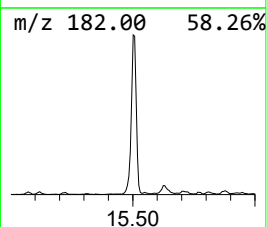
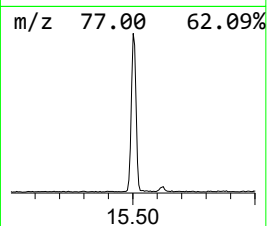
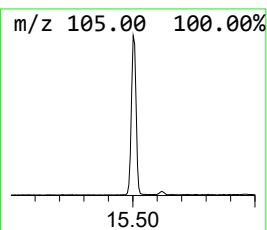
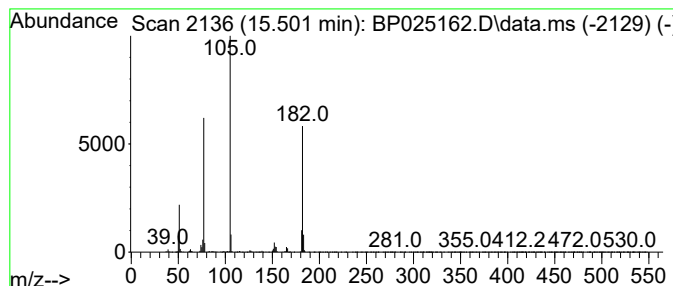
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.501	3.67 ng	1016780	Acenaphthene-d10	14.101

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4			Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
5			1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	42



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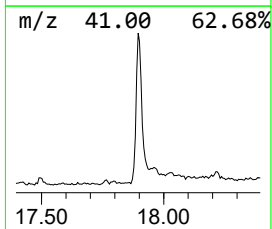
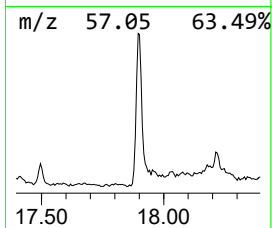
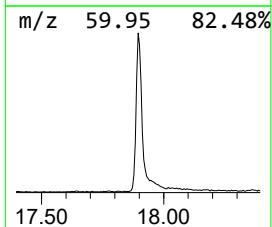
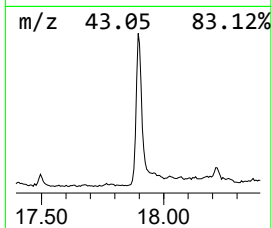
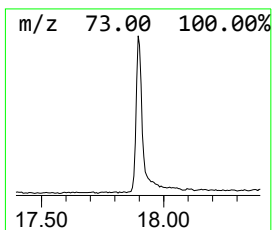
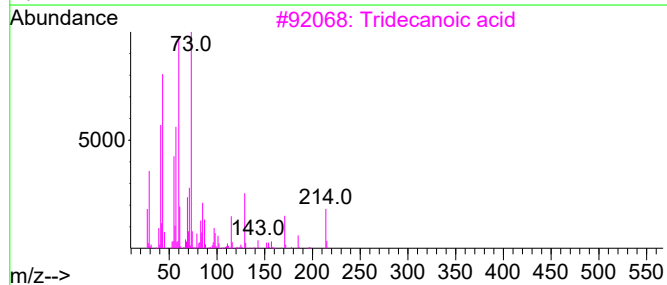
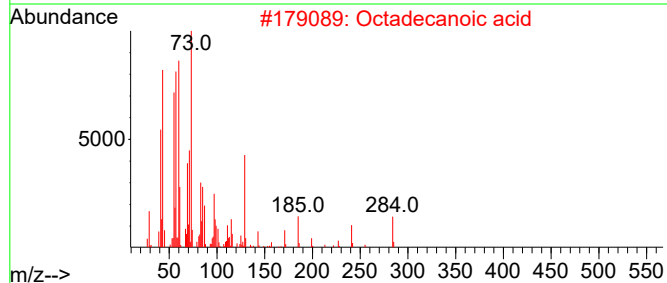
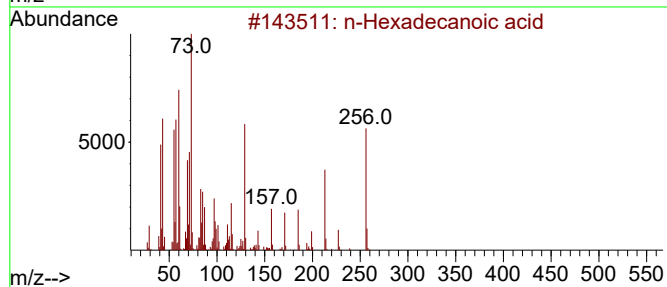
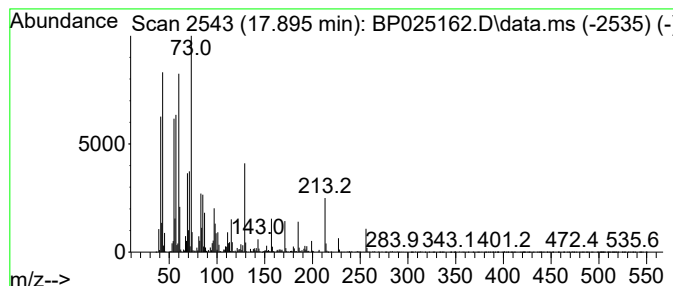
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.895	7.60 ng	2383480	Phenanthrene-d10	16.925	
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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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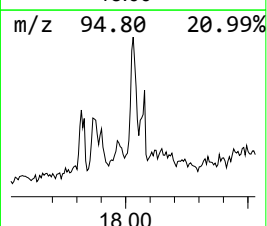
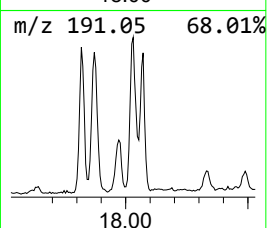
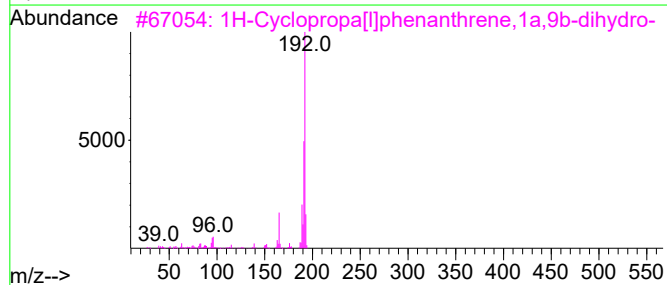
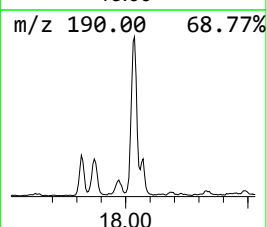
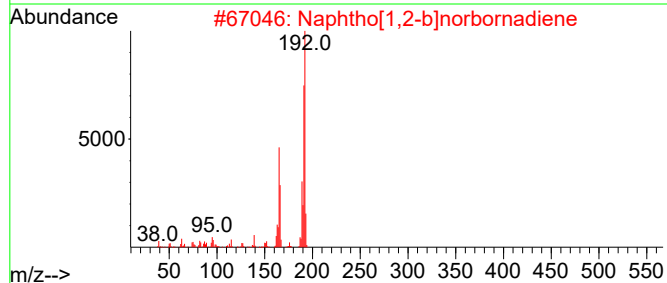
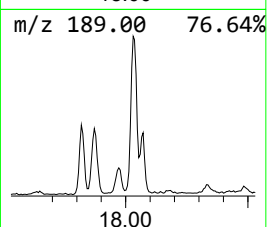
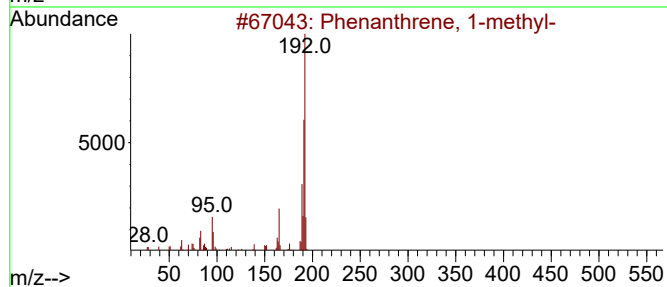
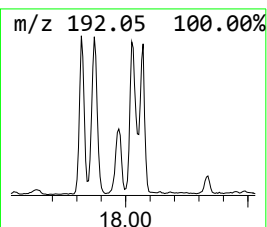
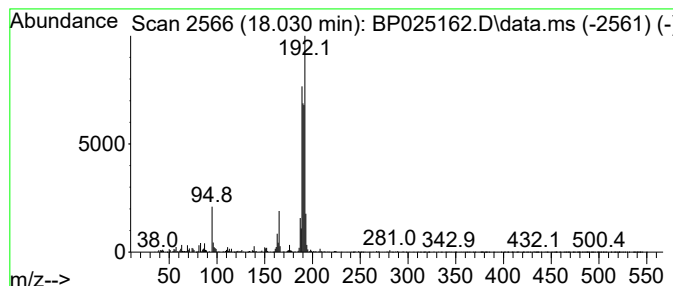
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.031	3.19 ng	999982	Phenanthrene-d10	16.925

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	55
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	55
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50



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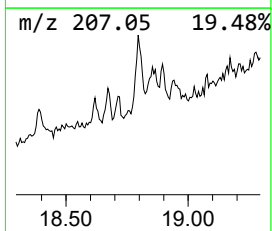
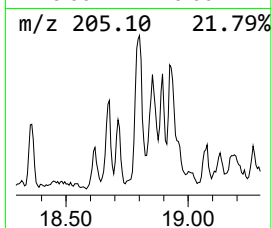
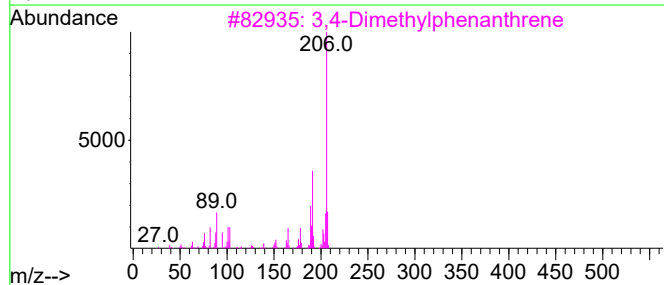
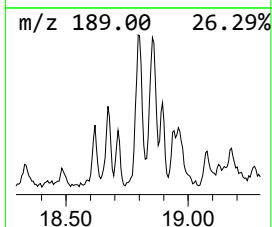
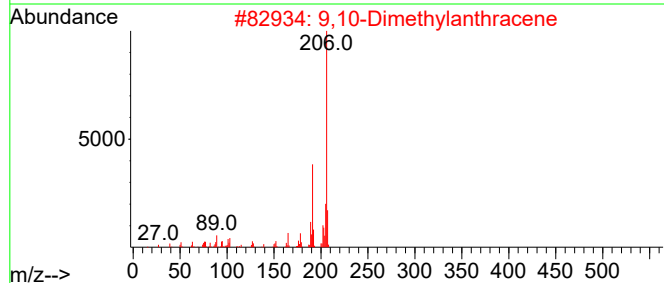
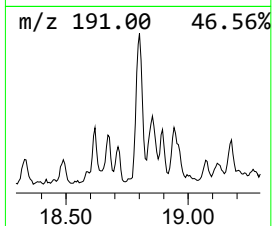
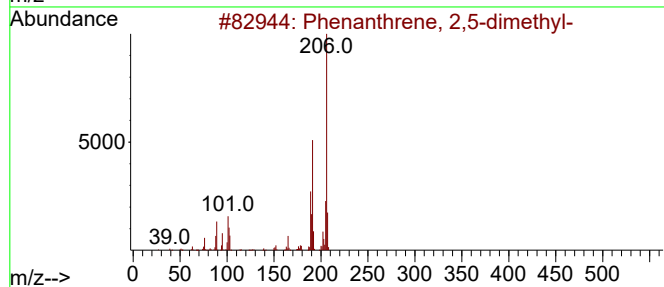
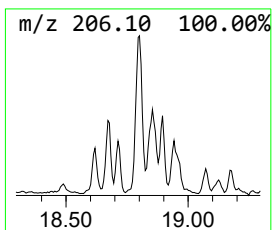
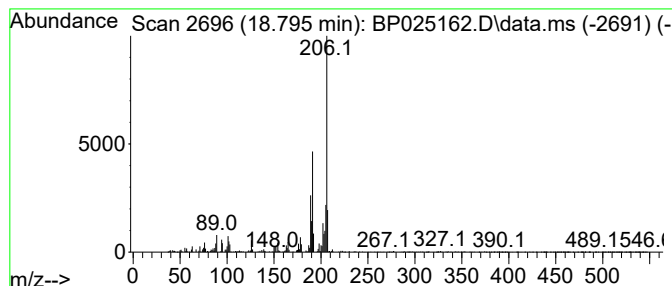
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.795	3.92 ng	1230040	Phenanthrene-d10	16.925

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

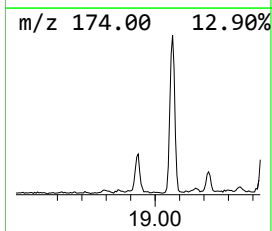
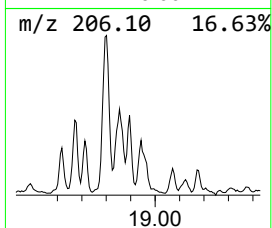
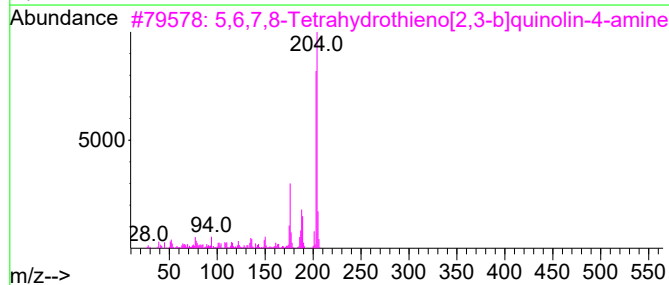
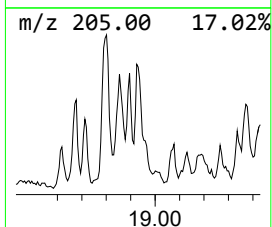
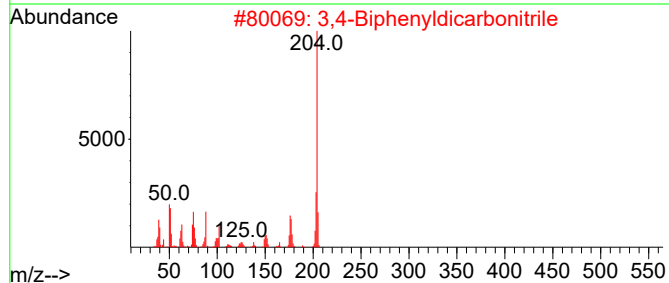
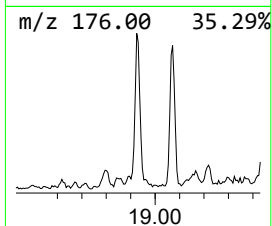
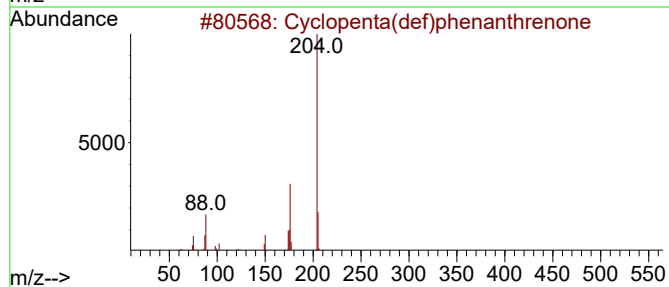
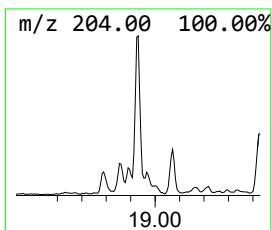
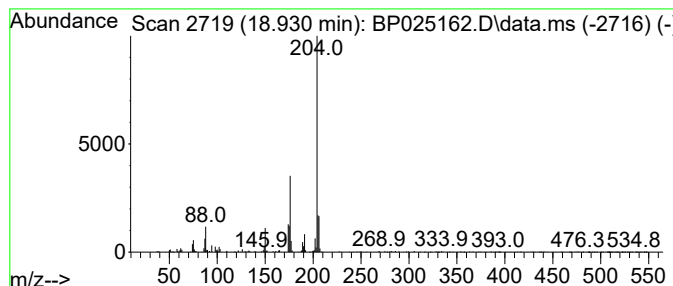
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.930	2.14 ng	671793	Phenanthrene-d10		16.925	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	80
2	3,4-Biphenyldicarbonitrile		204	C14H8N2	004128-63-6	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	59
4	Tetracyano-p-quinodimethane		204	C12H4N4	001518-16-7	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile		204	C14H8N2	004341-02-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
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Sample : Q2529-02
Misc :
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Instrument :
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ClientSampleId :
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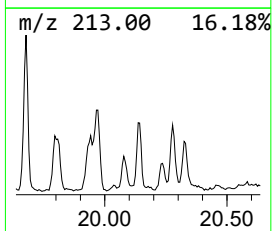
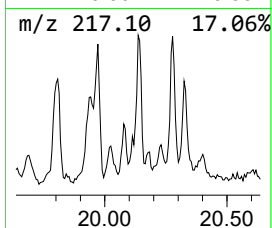
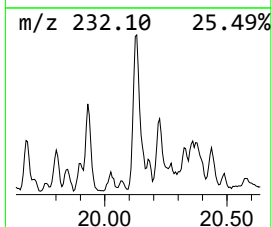
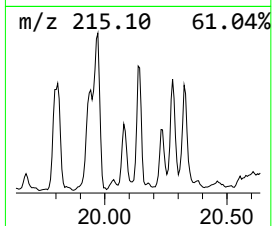
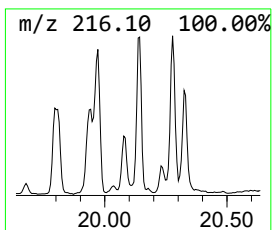
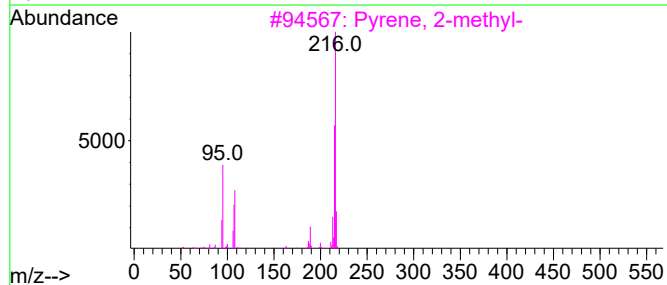
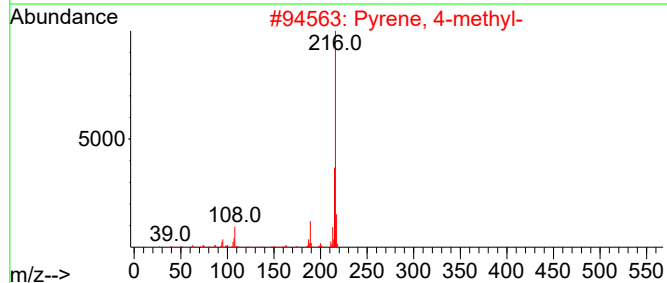
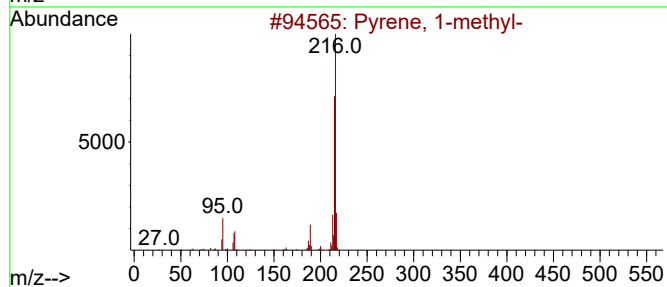
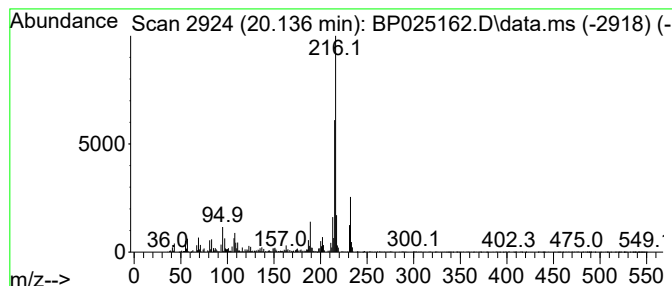
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.136	2.71 ng	1486690	Chrysene-d12	21.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
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Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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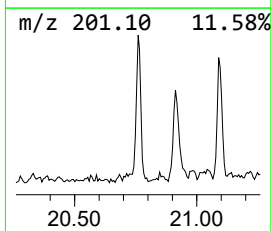
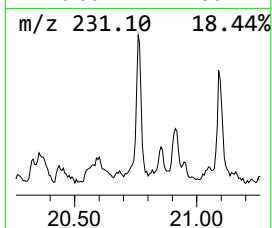
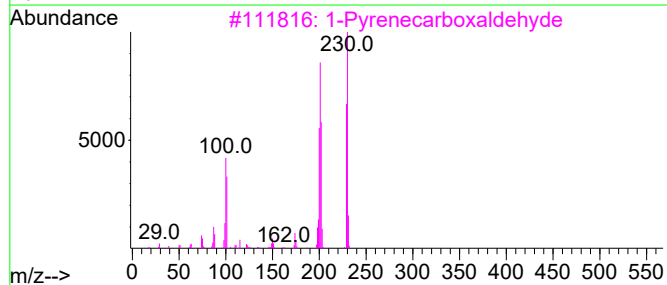
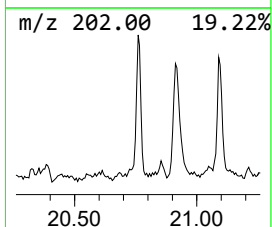
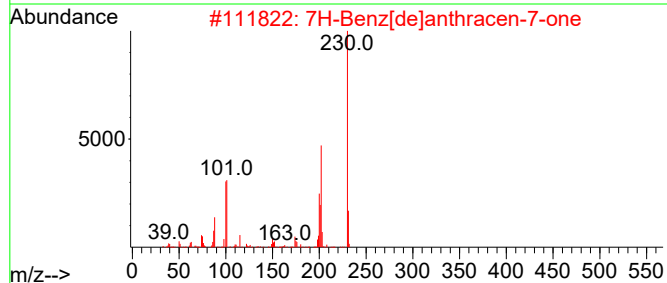
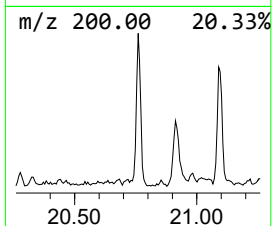
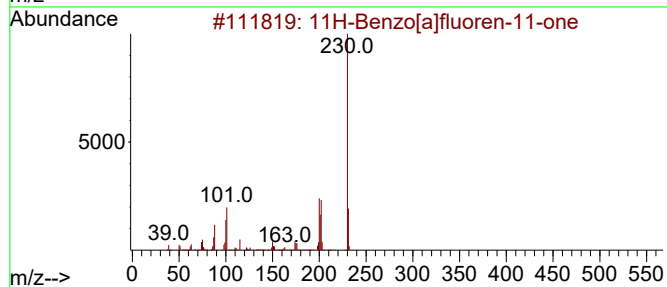
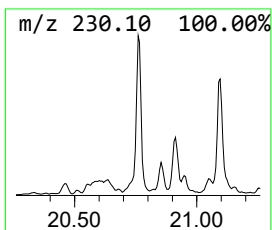
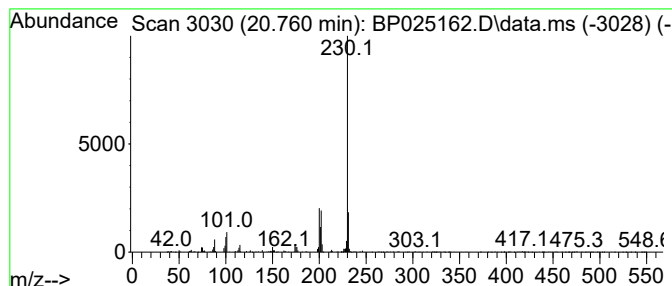
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.760	2.76 ng	1515070	Chrysene-d12	21.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4			.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
5			benzonitrile, 2-(3-isoquinoliny)-	230	C16H10N2	1000401-00-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
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Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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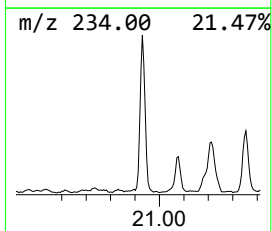
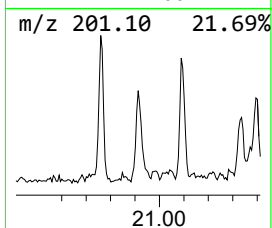
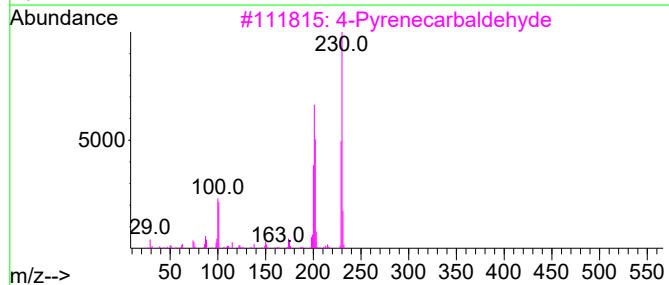
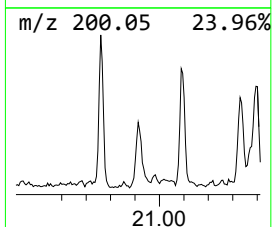
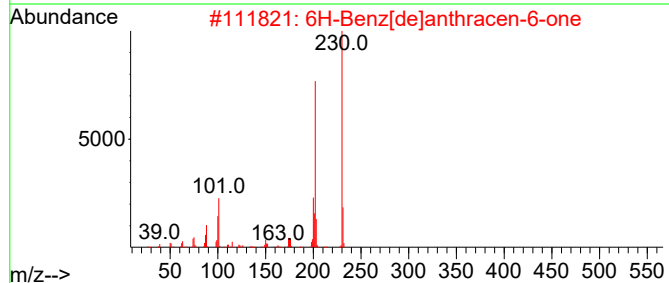
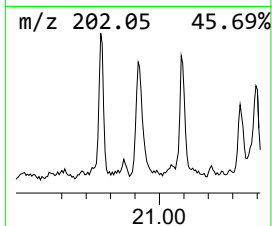
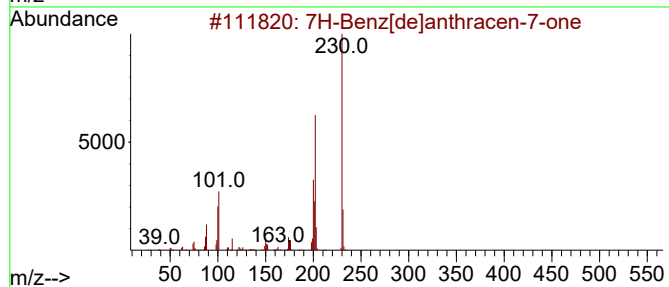
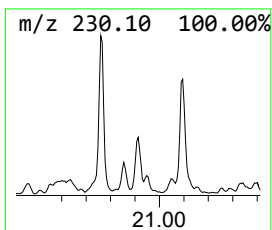
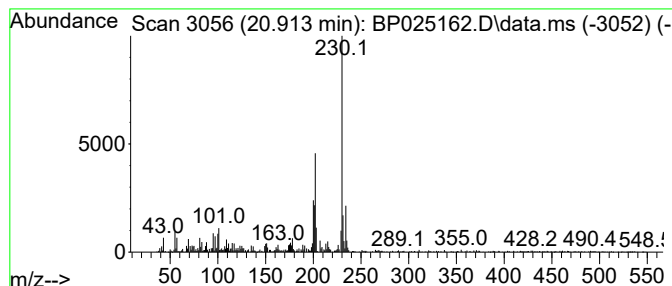
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.913	2.25 ng	1232720	Chrysene-d12	21.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
2			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	60
3			4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	53
4			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	47
5			p-Terphenyl	230	C18H14	000092-94-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
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Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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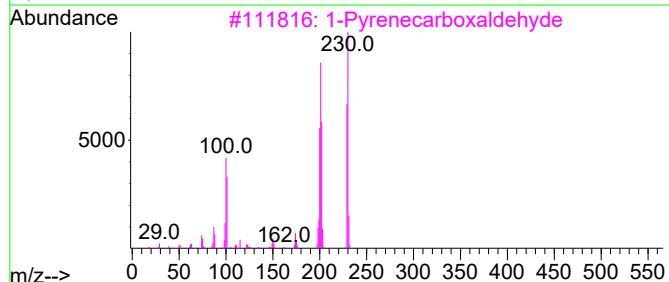
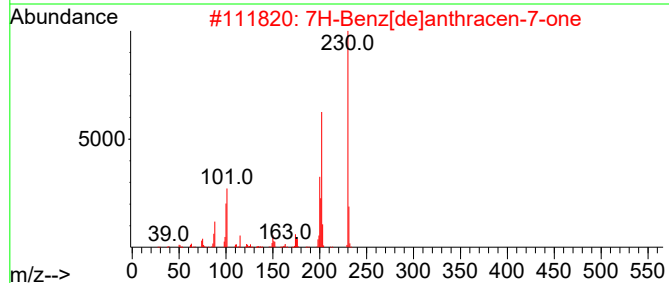
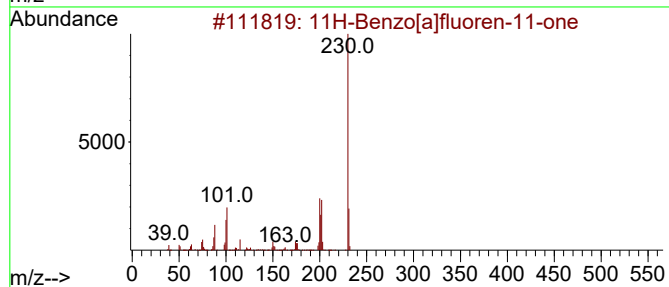
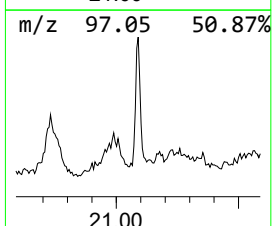
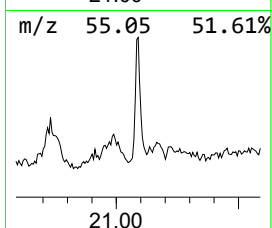
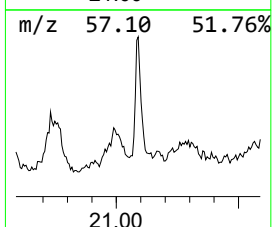
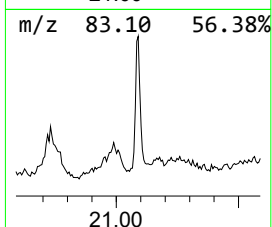
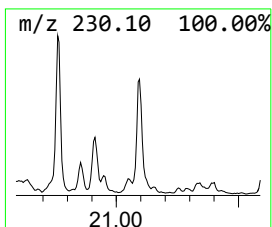
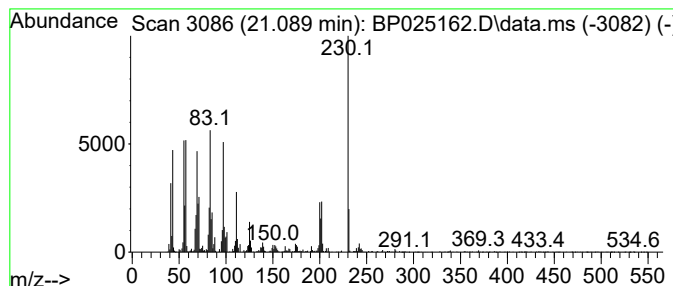
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown21.089 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.089	3.94 ng	2160540	Chrysene-d12	21.354

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	49
3		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	38
4		m-Terphenyl	230	C18H14	000092-06-8	35
5		Benzoic acid, 2-amino-5-chloro-3...	230	C8H7ClN2O4	084228-49-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
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Acq On : 16 Jul 2025 17:36
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ALS Vial : 9 Sample Multiplier: 1

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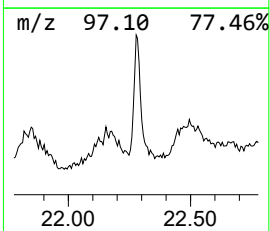
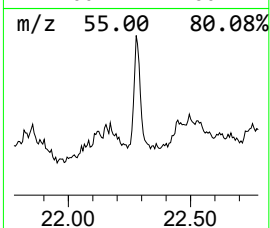
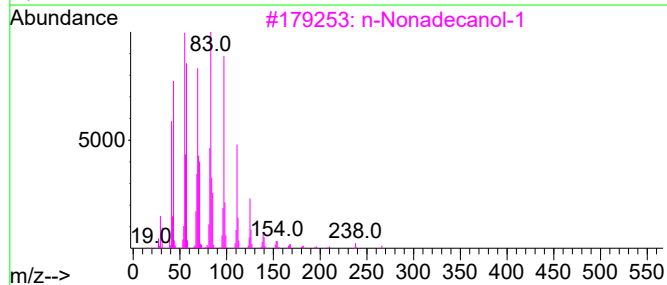
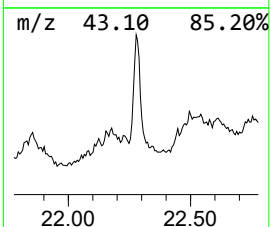
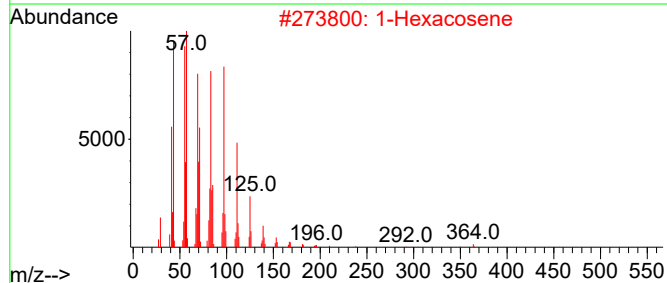
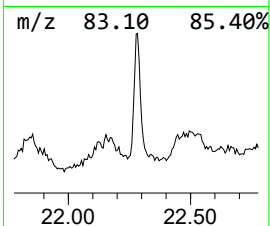
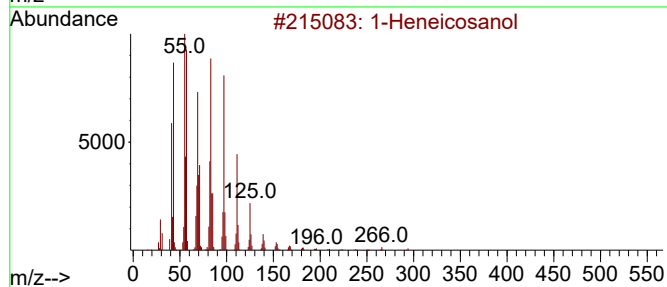
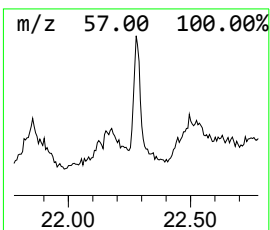
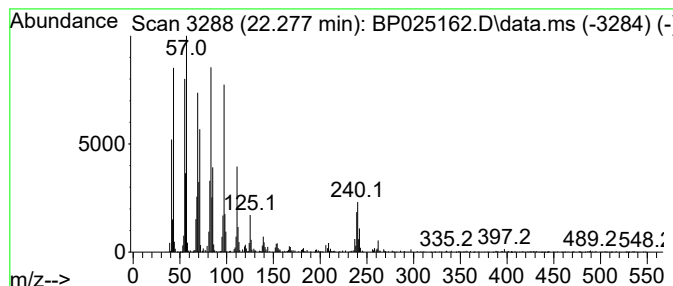
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.277	3.37 ng	1847160	Chrysene-d12	21.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	93
2			1-Hexacosene	364	C26H52	018835-33-1	93
3			n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

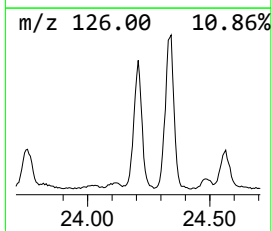
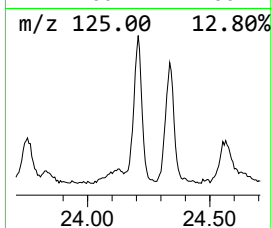
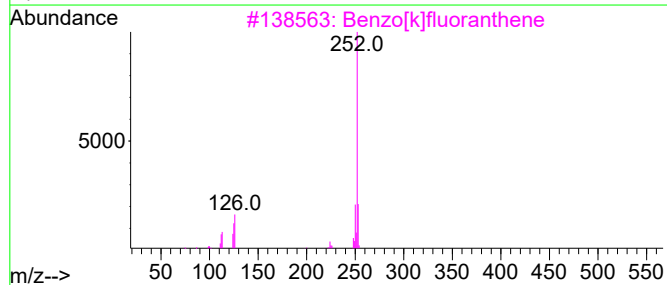
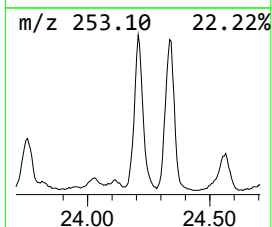
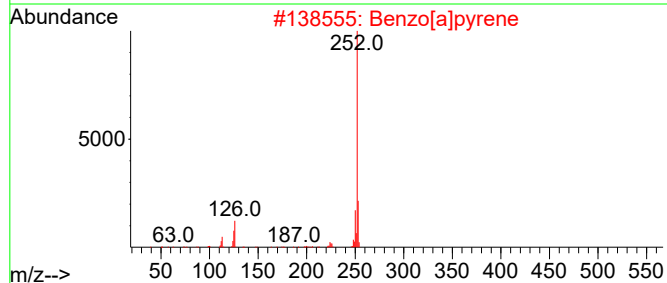
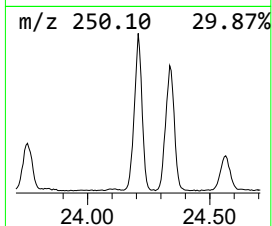
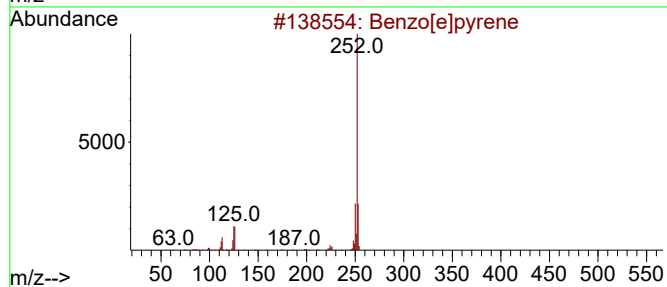
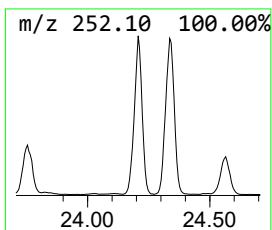
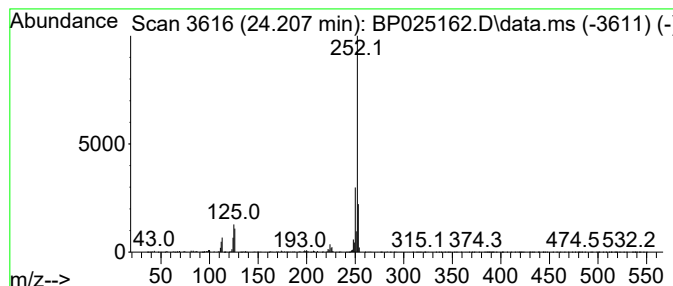
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.207	8.67 ng	3530310	Perylene-d12	24.483

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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
2-Pentanone, 4-...	4.661	3.8	ng	585632	1	7.437	3105840	20.0
Benzophenone	15.501	3.7	ng	1016780	3	14.101	5548530	20.0
n-Hexadecanoic ...	17.895	7.6	ng	2383480	4	16.925	6272200	20.0
Phenanthrene, 1...	18.031	3.2	ng	999982	4	16.925	6272200	20.0
Phenanthrene, 2...	18.795	3.9	ng	1230040	4	16.925	6272200	20.0
Cyclopenta(def)...	18.930	2.1	ng	671793	4	16.925	6272200	20.0
Pyrene, 1-methyl-	20.136	2.7	ng	1486690	5	21.354	10969100	20.0
11H-Benzo[a]flu...	20.760	2.8	ng	1515070	5	21.354	10969100	20.0
7H-Benz[de]anth...	20.913	2.3	ng	1232720	5	21.354	10969100	20.0
unknown21.089	21.089	3.9	ng	2160540	5	21.354	10969100	20.0
1-Heneicosanol	22.277	3.4	ng	1847160	5	21.354	10969100	20.0
Benzo[e]pyrene	24.207	8.7	ng	3530310	6	24.483	8145910	20.0