

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025508.D
 Acq On : 20 Aug 2025 14:53
 Operator : CG/JU
 Sample : Q2884-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-232

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: BP025508.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	12	17	29	rVB	506193	649295	12.91%	1.137%
2	4.943	335	341	350	rBV2	99507	138854	2.76%	0.243%
3	5.402	412	419	428	rBV	942722	1406679	27.96%	2.464%
4	6.961	676	684	697	rBV	900323	1462926	29.08%	2.563%
5	7.784	816	824	831	rBV	572370	933634	18.56%	1.636%
6	8.925	1007	1018	1027	rBV	539875	973182	19.34%	1.705%
7	10.554	1287	1295	1302	rBV	727652	1256136	24.97%	2.200%
8	13.019	1705	1714	1725	rBV	1536563	2220428	44.14%	3.890%
9	14.119	1895	1901	1906	rBV	59691	91784	1.82%	0.161%
10	14.401	1942	1949	1955	rBV	1042483	1573170	31.27%	2.756%
11	14.466	1955	1960	1966	rVB	106473	152993	3.04%	0.268%
12	14.807	2012	2018	2024	rVB	49738	82472	1.64%	0.144%
13	15.225	2083	2089	2094	rVB5	27667	54051	1.07%	0.095%
14	15.460	2124	2129	2140	rVB	93803	142786	2.84%	0.250%
15	15.778	2176	2183	2192	rVB2	144368	229167	4.56%	0.401%
16	15.913	2199	2206	2214	rBV	1163900	1748122	34.75%	3.062%
17	16.748	2337	2348	2349	rBV9	37868	86416	1.72%	0.151%
18	16.842	2359	2364	2373	rVB	88259	147559	2.93%	0.258%
19	17.013	2389	2393	2398	rVB	72748	107324	2.13%	0.188%
20	17.189	2418	2423	2427	rBV	1287190	1850279	36.78%	3.241%
21	17.236	2427	2431	2439	rVV	1573214	2295799	45.63%	4.022%
22	17.336	2440	2448	2454	rVV	278754	479852	9.54%	0.841%
23	17.395	2454	2458	2464	rVB3	45077	76283	1.52%	0.134%
24	17.607	2486	2494	2499	rBV	161045	276354	5.49%	0.484%
25	17.742	2512	2517	2521	rBV2	38329	65585	1.30%	0.115%
26	17.795	2522	2526	2530	rVV2	53815	74753	1.49%	0.131%
27	17.889	2536	2542	2547	rBV2	242637	332267	6.60%	0.582%
28	18.101	2574	2578	2581	rBV	190229	257681	5.12%	0.451%
29	18.142	2581	2585	2592	rVB2	441308	803415	15.97%	1.407%
30	18.230	2597	2600	2605	rVV	69496	111726	2.22%	0.196%
31	18.295	2606	2611	2616	rVV2	268522	515409	10.24%	0.903%
32	18.342	2616	2619	2624	rVB2	126522	184062	3.66%	0.322%
33	18.460	2635	2639	2644	rBV5	40180	66067	1.31%	0.116%
34	18.619	2661	2666	2668	rBV	167038	249125	4.95%	0.436%
35	18.654	2668	2672	2679	rVB	234817	381572	7.58%	0.668%
36	18.872	2706	2709	2713	rBV2	69044	80373	1.60%	0.141%

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37	18.925	2715	2718	2721	rBV3	63471	80434	1.60%	0.141%
38	19.060	2737	2741	2745	rVB	101629	157087	3.12%	0.275%
39	19.154	2755	2757	2760	rVV2	65204	72245	1.44%	0.127%
40	19.201	2761	2765	2771	rVB	181668	244397	4.86%	0.428%
41	19.319	2780	2785	2794	rBV	3127946	4294049	85.35%	7.522%
42	19.430	2801	2804	2807	rBV3	97158	109163	2.17%	0.191%
43	19.466	2807	2810	2816	rVB3	170051	250651	4.98%	0.439%
44	19.577	2826	2829	2834	rBV	84179	103727	2.06%	0.182%
45	19.695	2845	2849	2858	rVB	2286296	3648557	72.52%	6.391%
46	19.783	2860	2864	2870	rVB2	120859	185983	3.70%	0.326%
47	19.889	2878	2882	2884	rBV	165464	243690	4.84%	0.427%
48	19.925	2884	2888	2897	rVB	2670543	3500917	69.59%	6.133%
49	20.036	2903	2907	2910	rBV5	174451	327812	6.52%	0.574%
50	20.183	2927	2932	2933	rBV4	130463	195459	3.89%	0.342%
51	20.213	2934	2937	2942	rVB	277336	419770	8.34%	0.735%
52	20.325	2952	2956	2961	rBV	200883	313360	6.23%	0.549%
53	20.377	2961	2965	2970	rVV2	274486	462734	9.20%	0.811%
54	20.424	2971	2973	2976	rVB	114031	99446	1.98%	0.174%
55	20.530	2988	2991	2994	rVB	157084	162832	3.24%	0.285%
56	20.572	2996	2998	3009	rVV2	133633	318888	6.34%	0.559%
57	21.013	3069	3073	3078	rBV	337849	610988	12.14%	1.070%
58	21.195	3097	3104	3108	rBV2	303823	659894	13.12%	1.156%
59	21.242	3109	3112	3116	rVV	284550	447315	8.89%	0.784%
60	21.307	3117	3123	3129	rVV4	405800	1187250	23.60%	2.080%
61	21.366	3130	3133	3141	rVB	387797	629645	12.52%	1.103%
62	21.566	3165	3167	3170	rBV2	106467	150407	2.99%	0.263%
63	21.630	3170	3178	3184	rVV3	1658288	5030914	100.00%	8.813%
64	21.683	3184	3187	3202	rVB	1238224	2429210	48.29%	4.255%
65	23.954	3566	3573	3580	rBV	1020636	3006815	59.77%	5.267%
66	24.707	3695	3701	3714	rVB2	644361	1781771	35.42%	3.121%
67	24.854	3719	3726	3738	rVB	874881	2066468	41.08%	3.620%
68	25.012	3745	3753	3761	rBV	883593	2335562	46.42%	4.091%

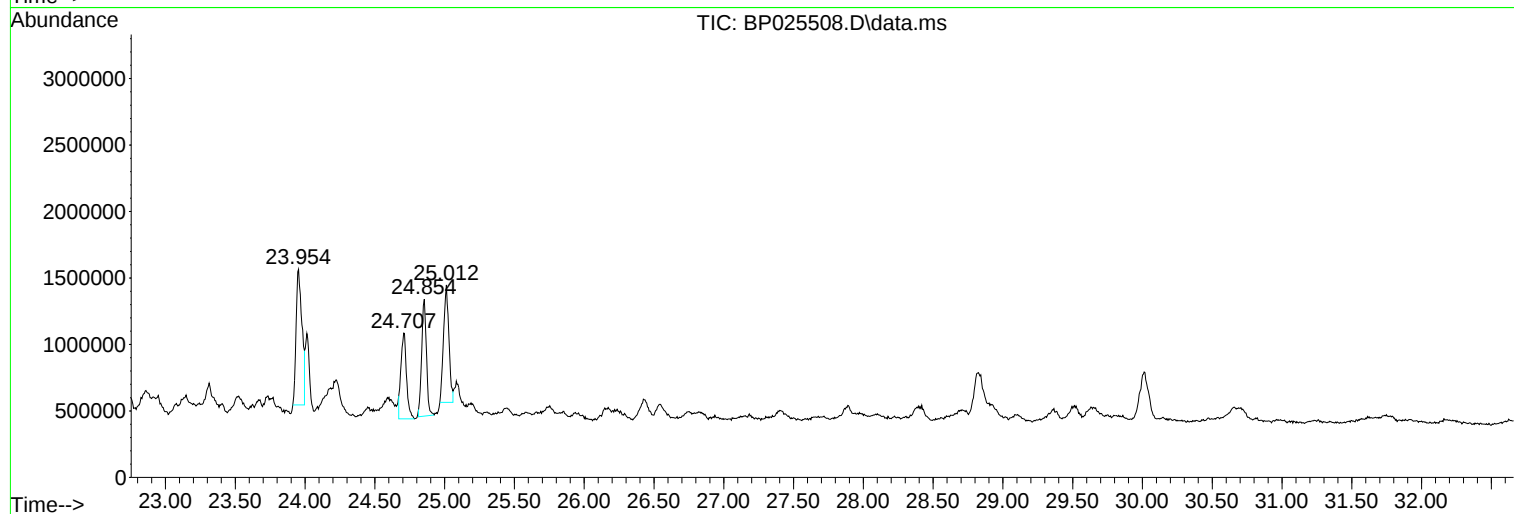
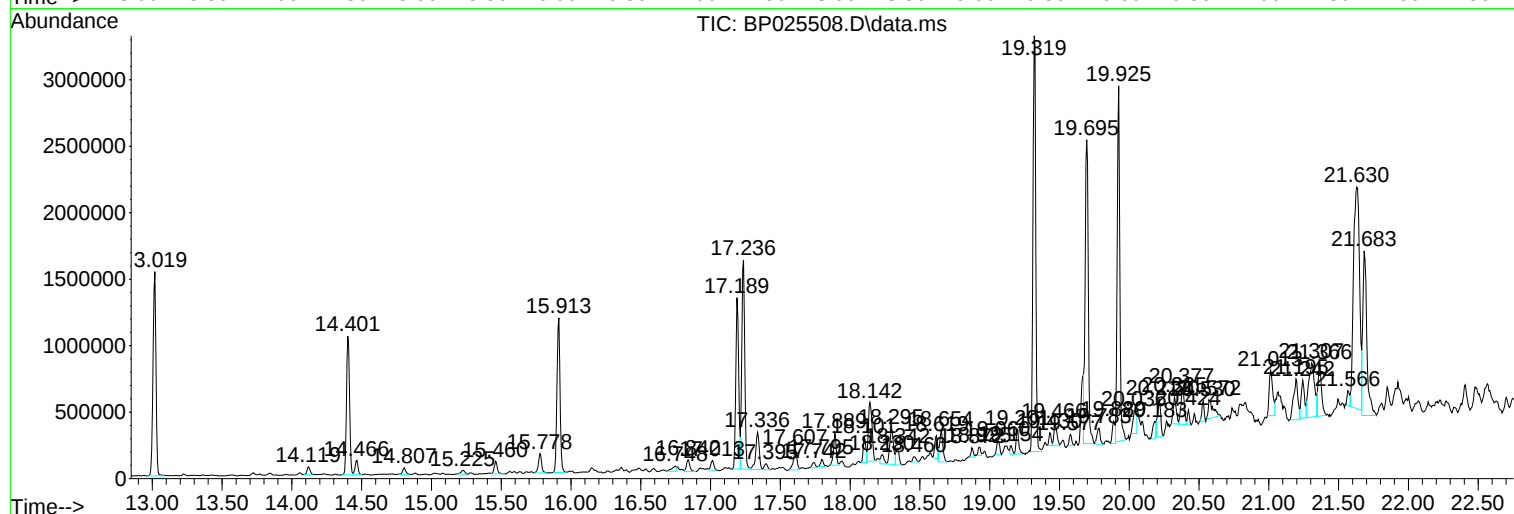
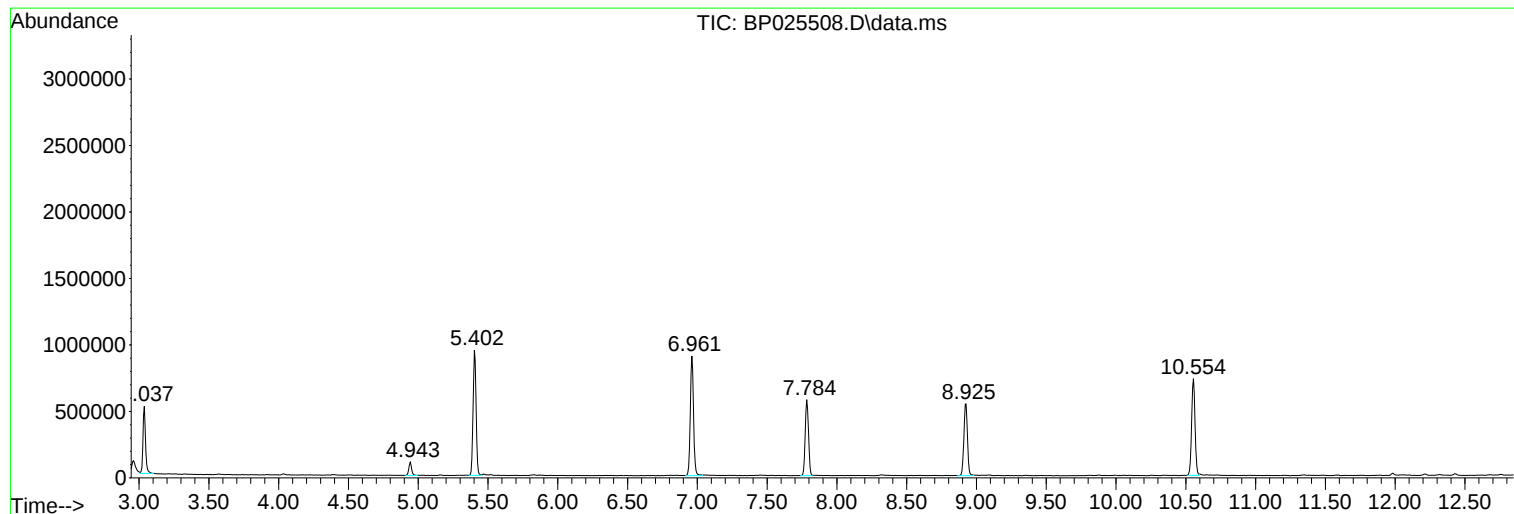
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_P
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VNJ-232

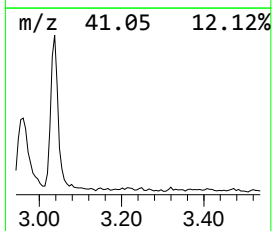
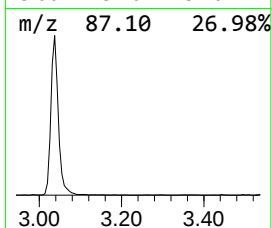
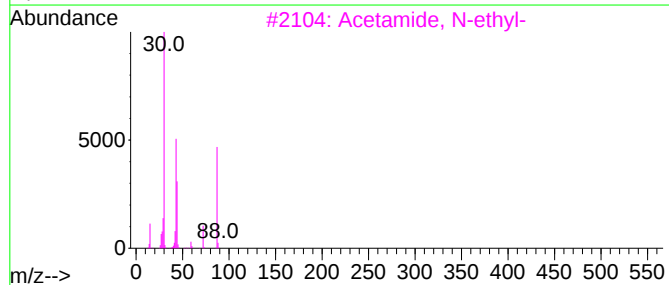
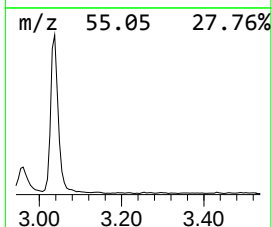
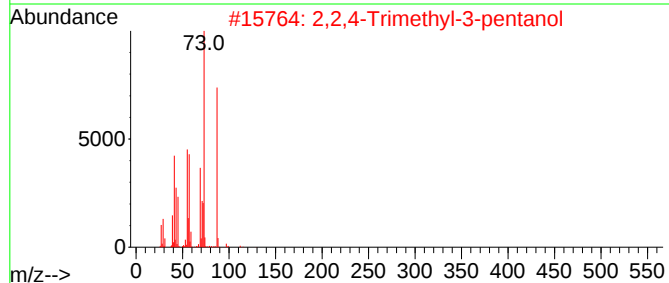
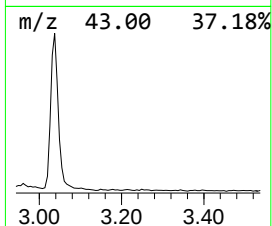
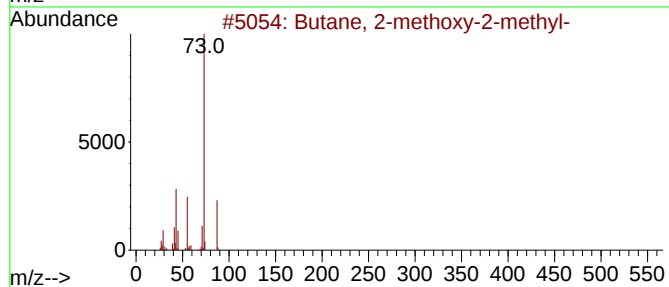
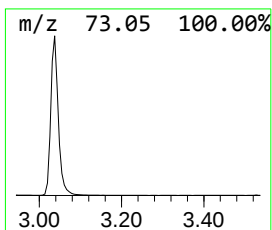
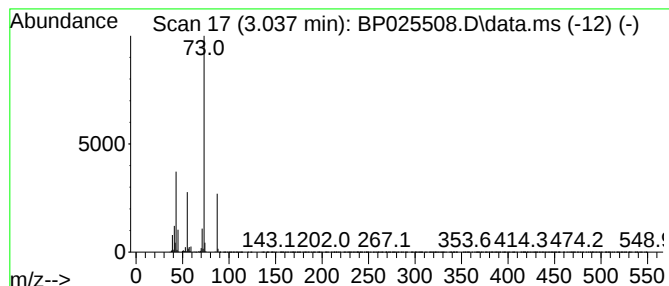
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	13.91 ng	649295	1,4-Dichlorobenzene-d4	7.784

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			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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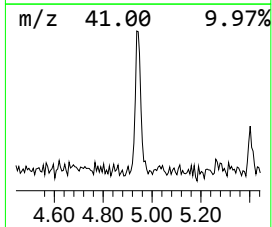
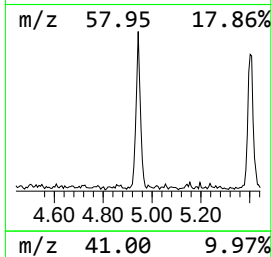
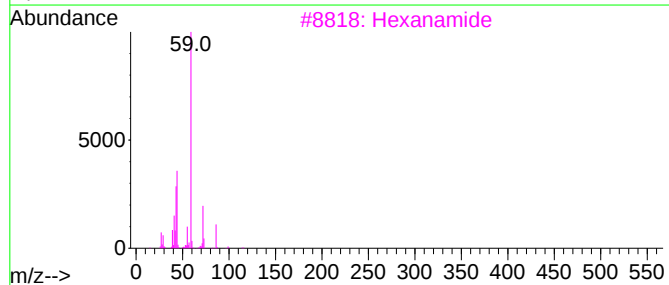
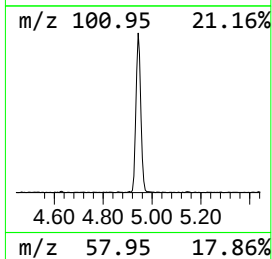
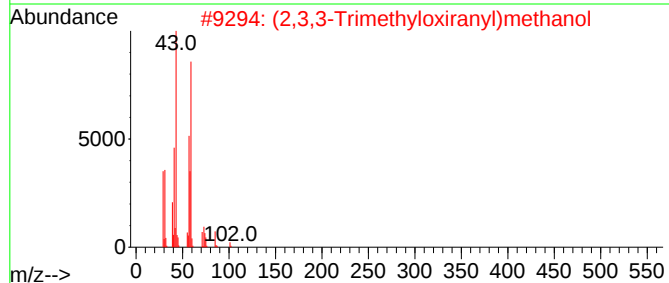
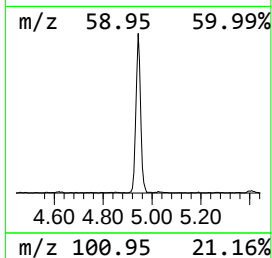
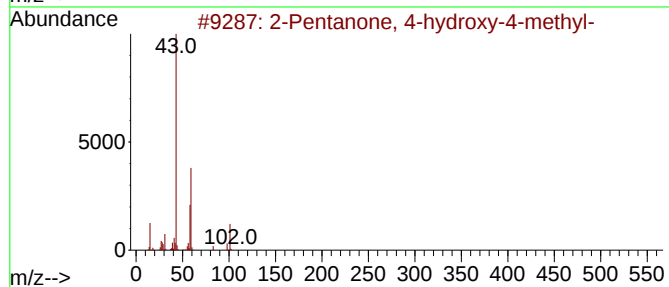
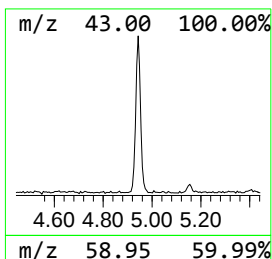
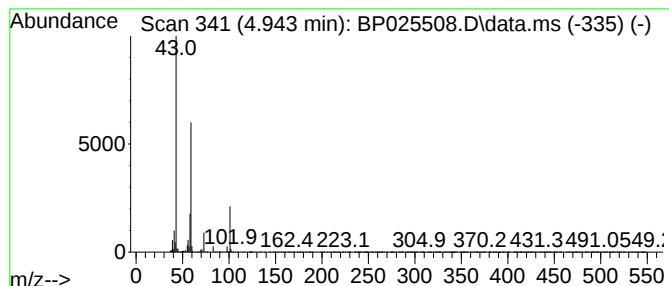
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	2.97 ng	138854	1,4-Dichlorobenzene-d4	7.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			(2,3,3-Trimethyloxiranyl)methanol	116	C6H12O2	1000306-64-7	36
3			Hexanamide	115	C6H13NO	000628-02-4	27
4			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
5			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23



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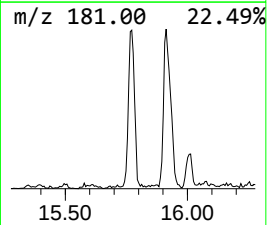
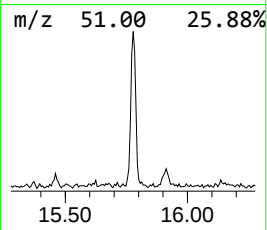
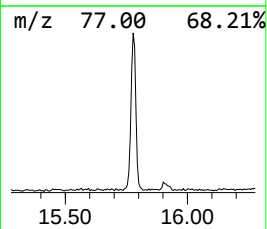
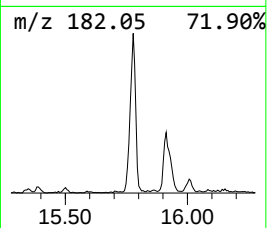
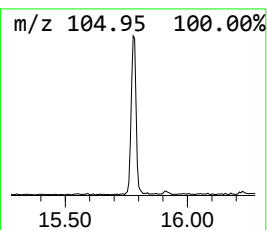
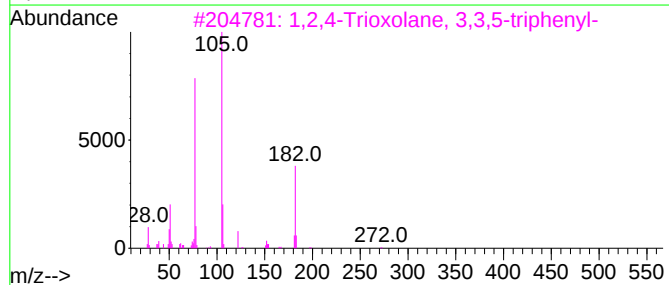
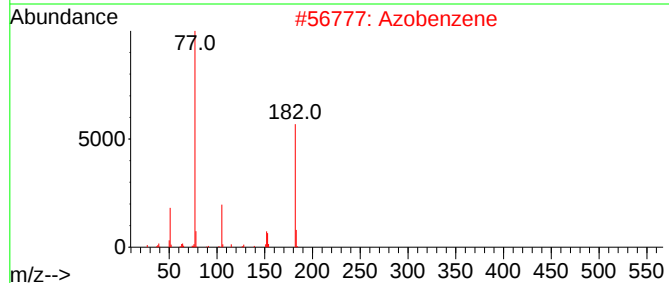
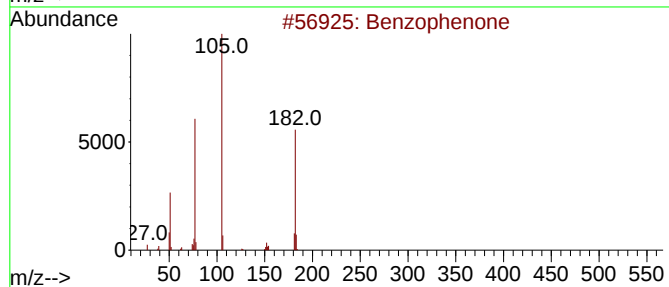
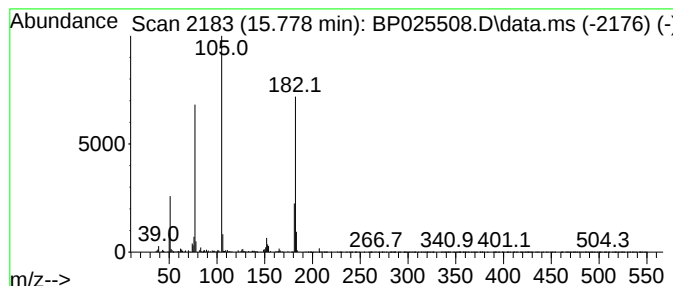
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Peak Number 3 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	2.91 ng	229167	Acenaphthene-d10	14.401

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene	182	C12H10N2	000103-33-3	50
3			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
4			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
5			9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	38



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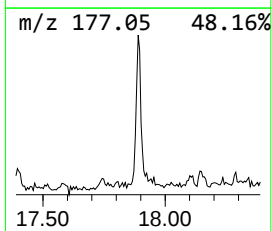
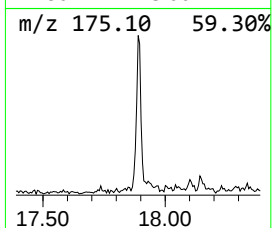
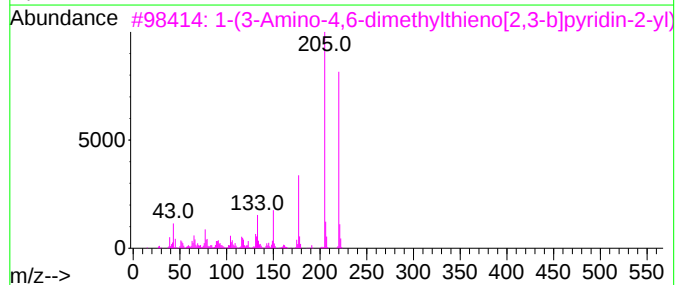
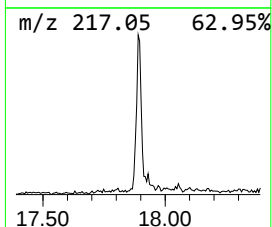
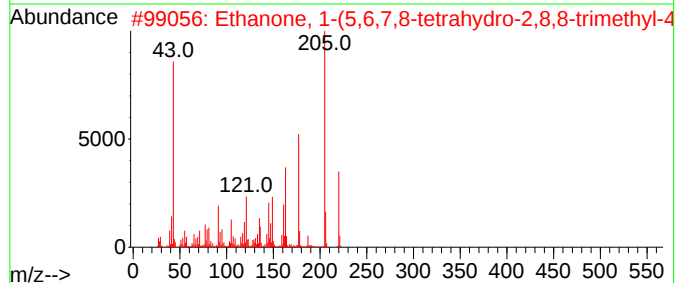
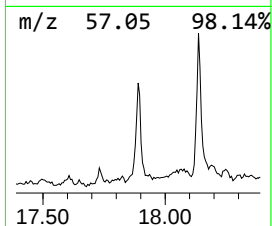
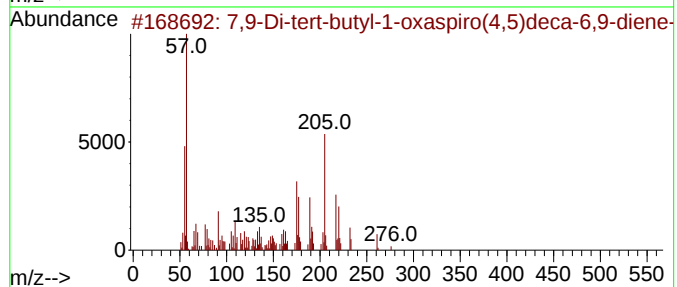
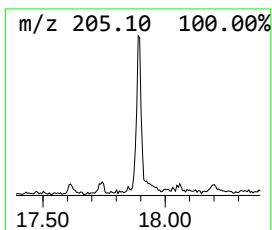
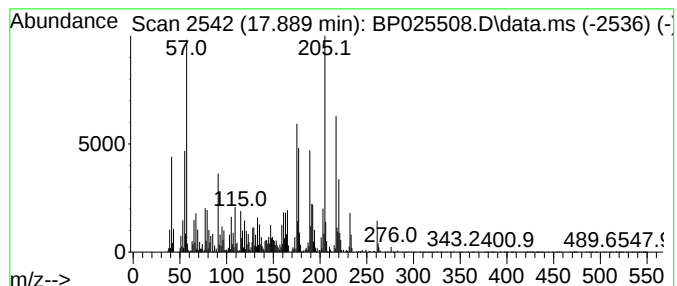
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.889	3.59 ng	332267	Phenanthrene-d10		17.189	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...		276	C17H24O3	082304-66-3	98
2	Ethanone, 1-(5,6,7,8-tetrahydro-...		220	C14H20O2	071596-88-8	84
3	1-(3-Amino-4,6-dimethylthieno[2,...		220	C11H12N2OS	052505-42-7	50
4	(1R,3aR,5aR,9aS)-1,4,4,7-Tetrame...		220	C15H24O	104188-25-2	42
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-		220	C17H16	015295-31-5	42



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Data File : BP025508.D
Acq On : 20 Aug 2025 14:53
Operator : CG/JU
Sample : Q2884-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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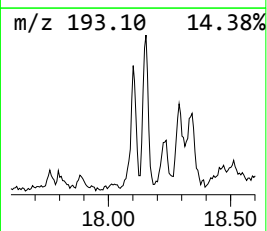
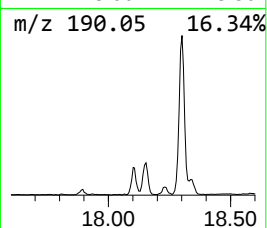
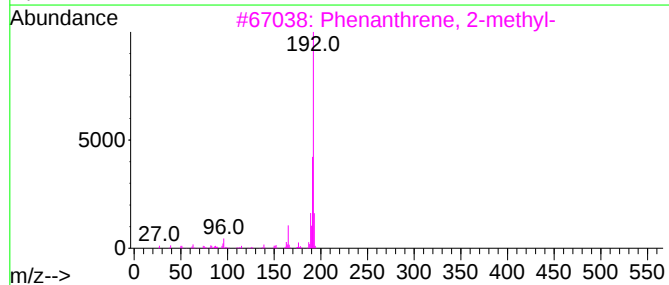
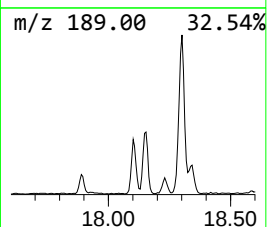
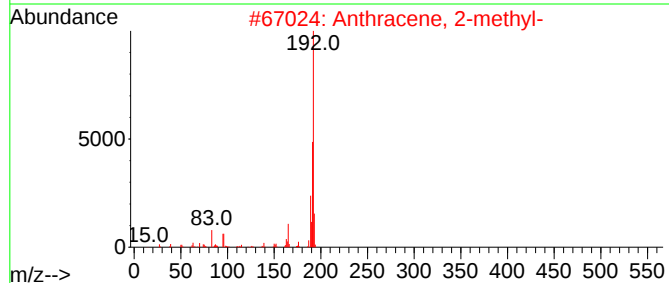
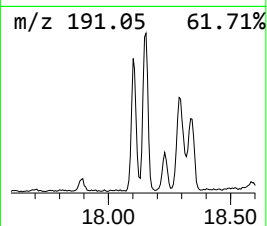
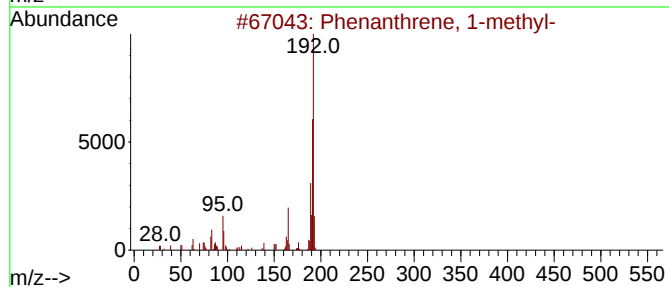
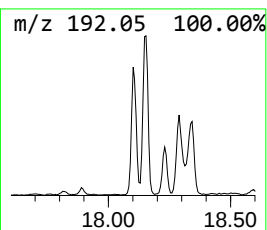
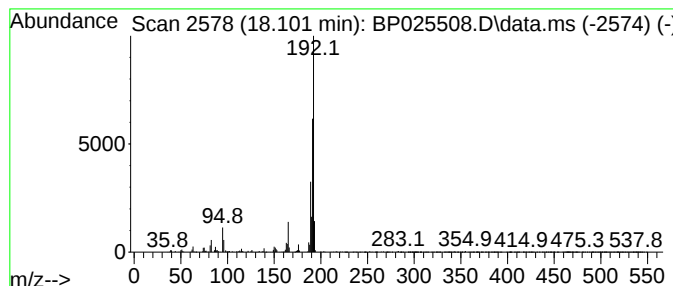
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.101	2.79 ng	257681	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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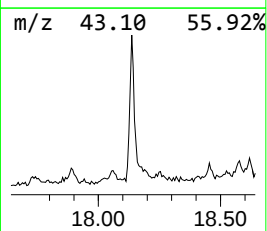
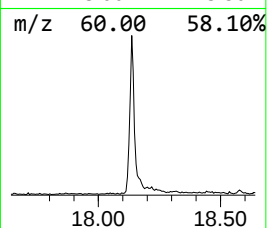
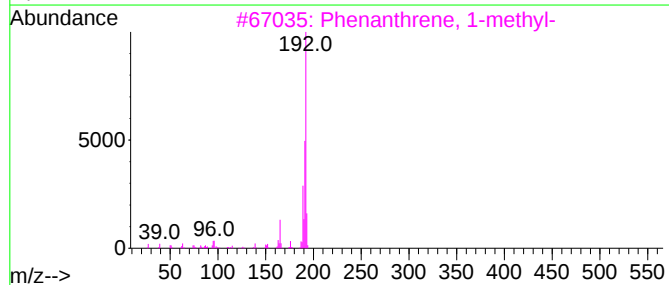
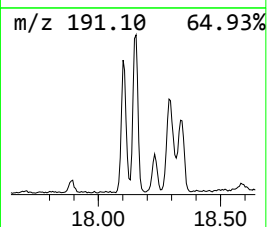
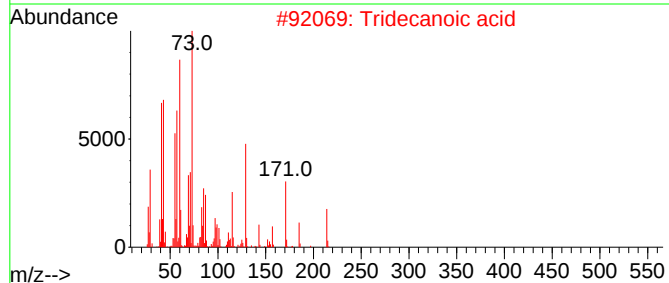
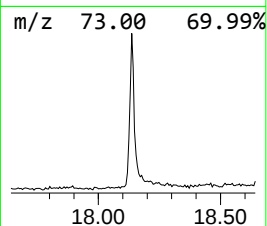
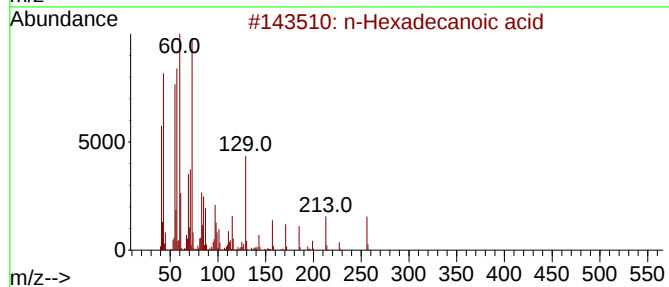
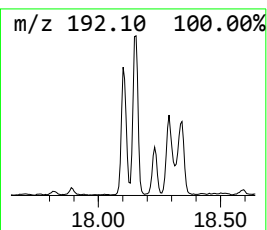
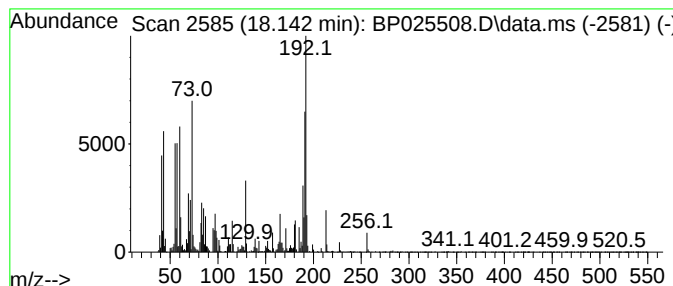
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	8.68 ng	803415	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
Acq On : 20 Aug 2025 14:53
Operator : CG/JU
Sample : Q2884-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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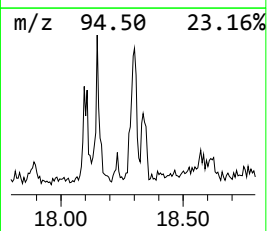
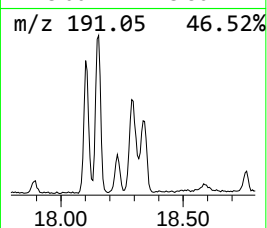
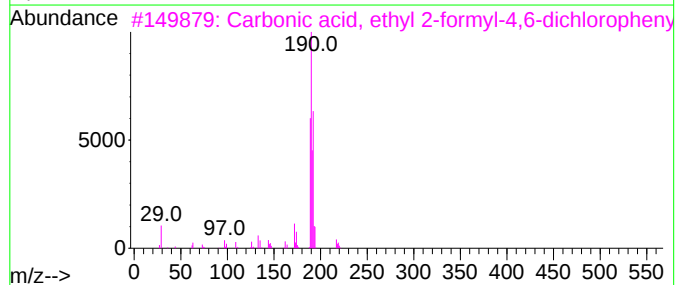
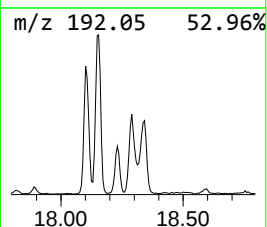
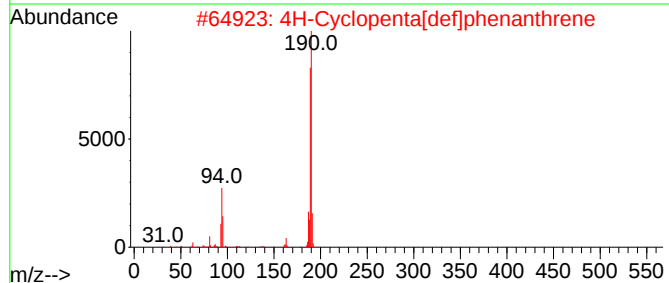
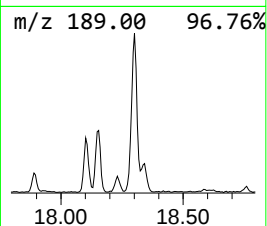
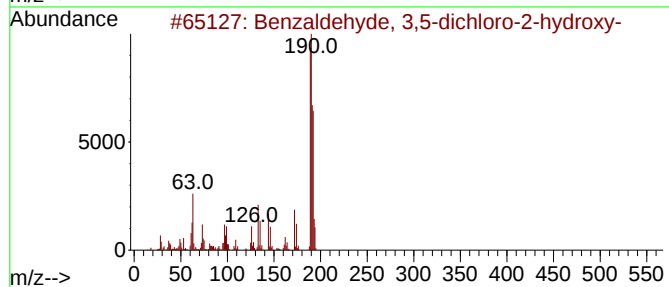
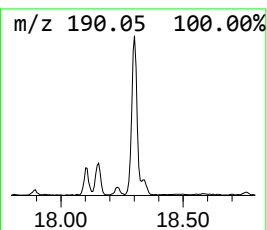
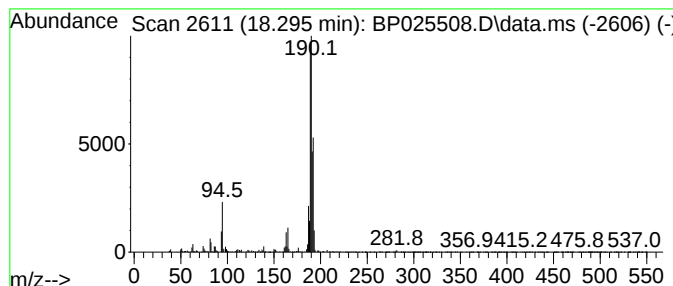
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	5.57 ng	515409	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5			Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
Acq On : 20 Aug 2025 14:53
Operator : CG/JU
Sample : Q2884-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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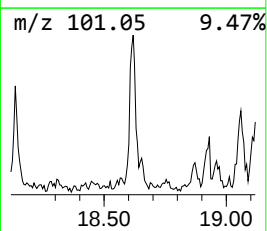
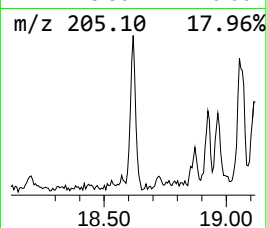
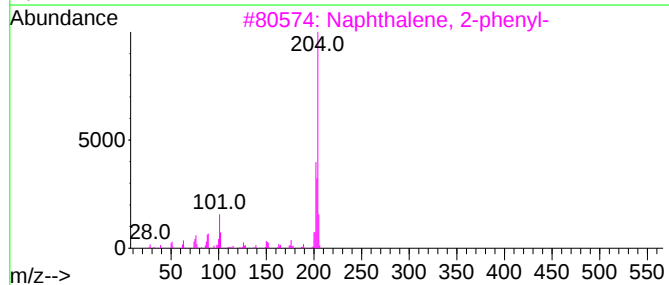
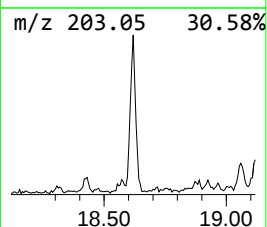
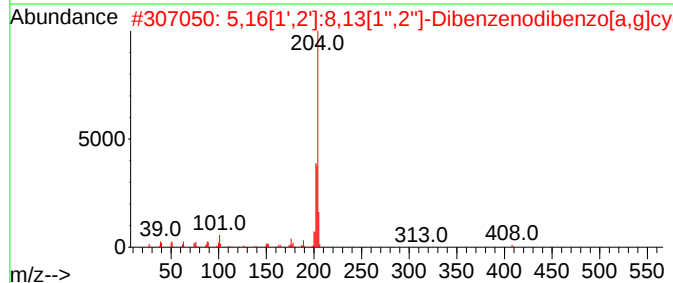
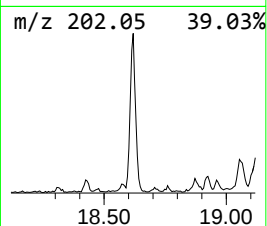
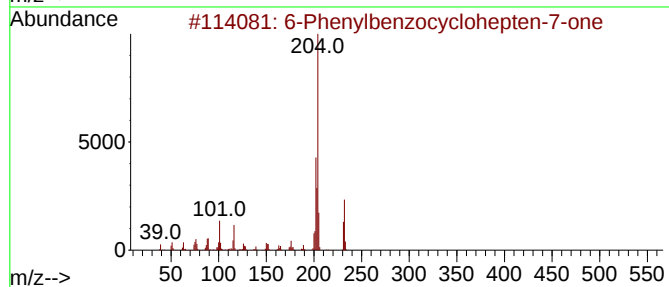
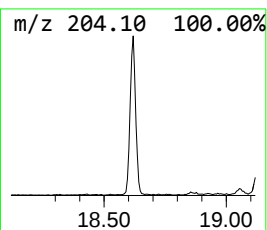
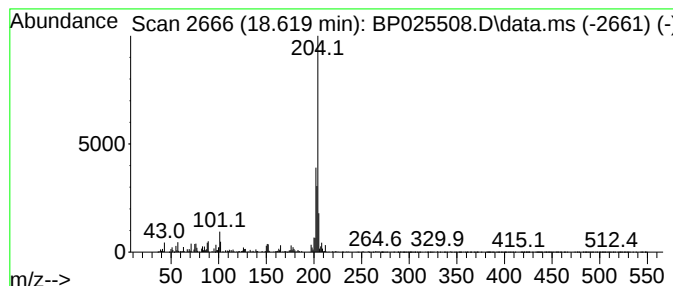
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 6-Phenylbenzocyclohepten-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.619	2.69 ng	249125	Phenanthrene-d10	17.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
Acq On : 20 Aug 2025 14:53
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Sample : Q2884-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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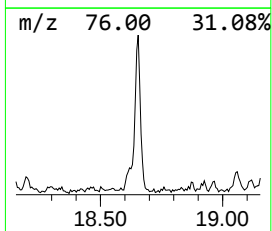
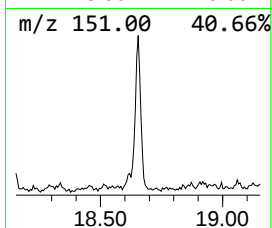
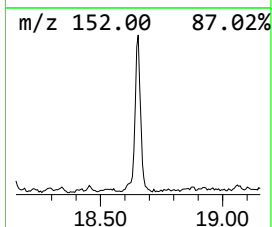
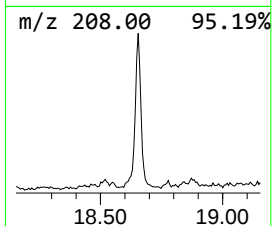
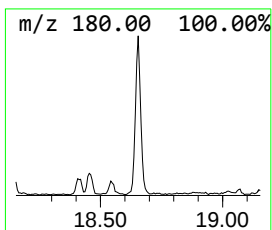
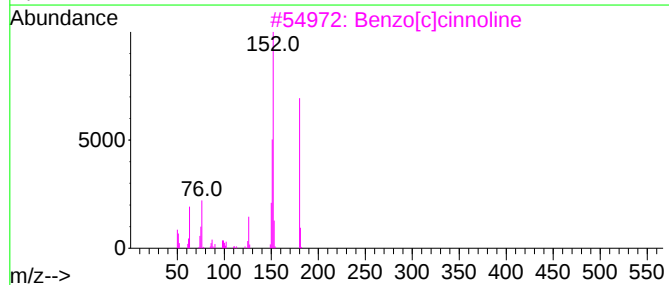
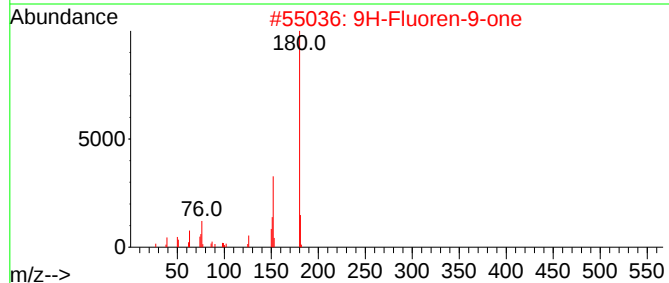
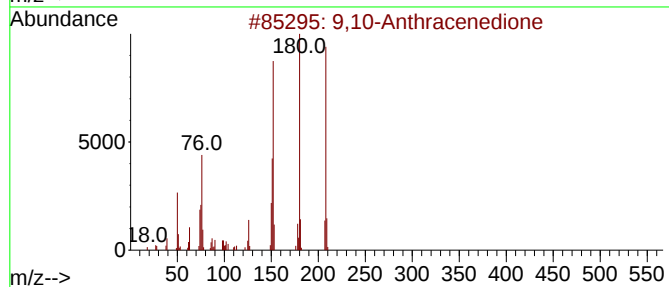
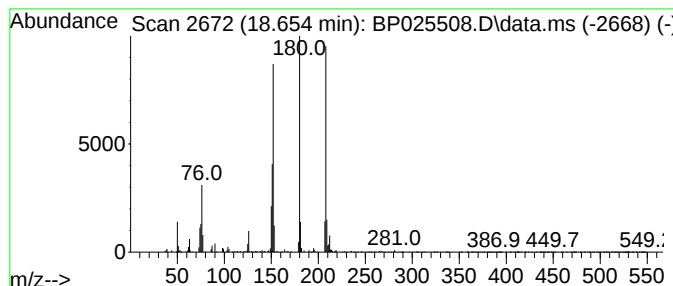
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.654	4.12 ng	381572	Phenanthrene-d10	17.189

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
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Misc :
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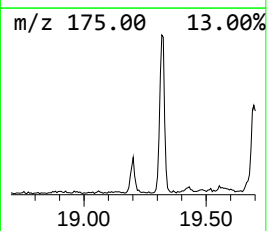
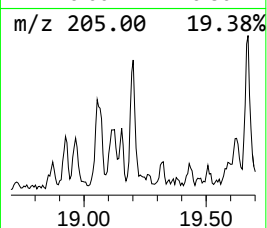
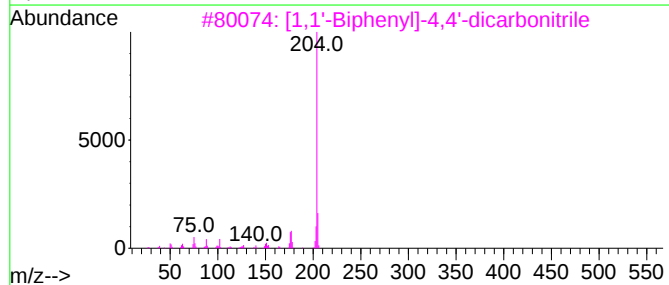
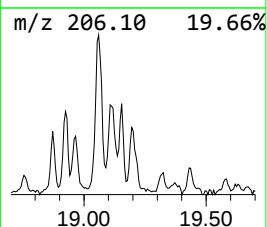
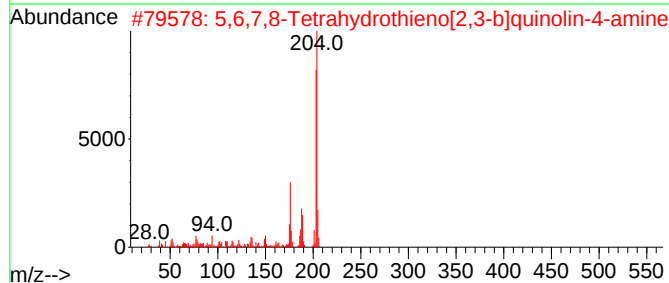
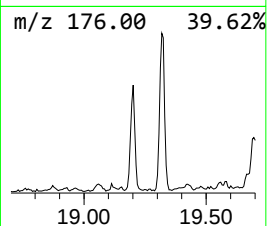
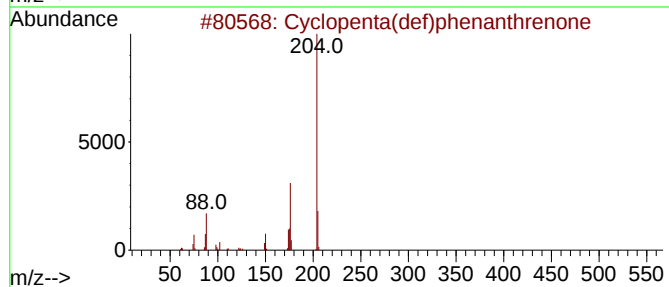
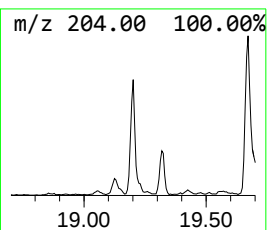
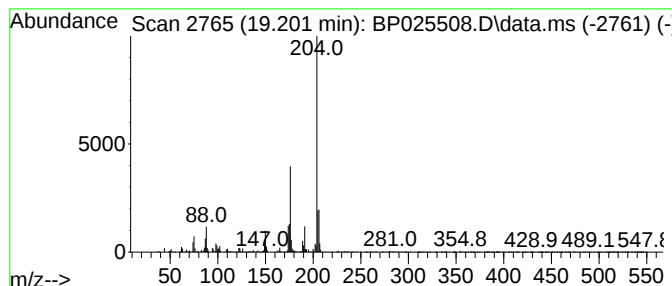
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.201	2.64 ng	244397	Phenanthrene-d10	17.189	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	45
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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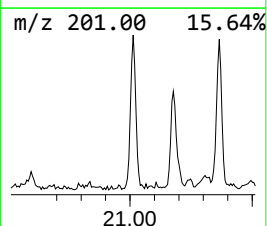
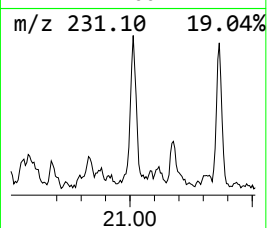
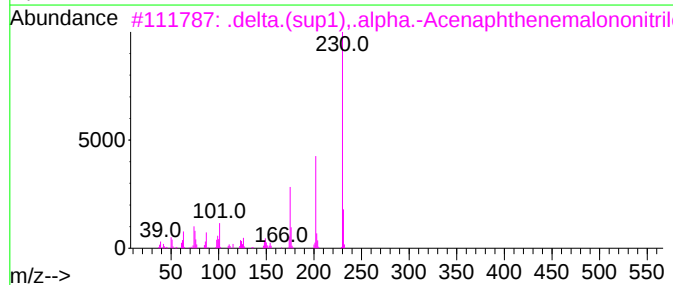
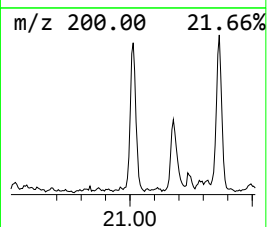
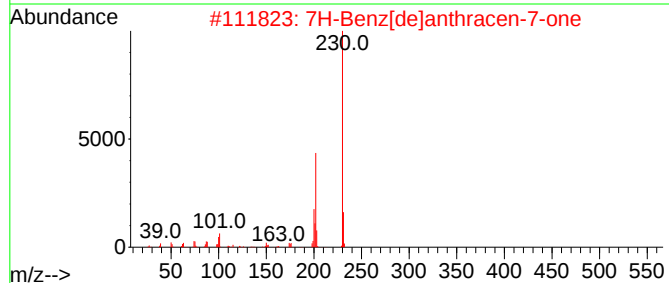
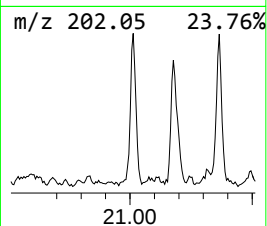
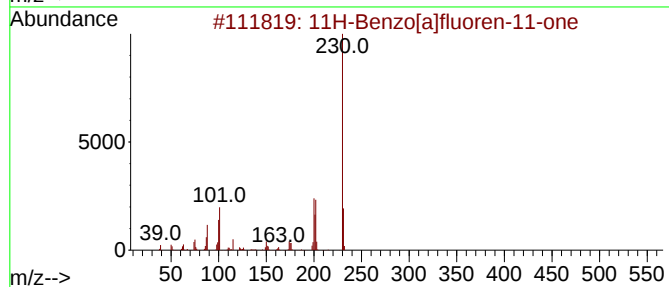
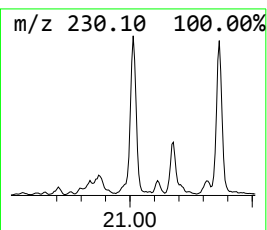
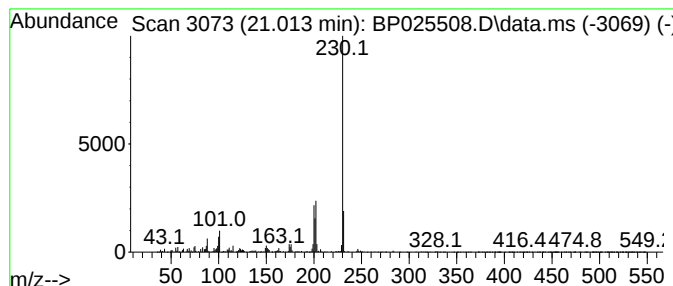
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.013	2.43 ng	610988	Chrysene-d12	21.636

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3			.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
5			o-Terphenyl	230	C18H14	000084-15-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
Acq On : 20 Aug 2025 14:53
Operator : CG/JU
Sample : Q2884-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

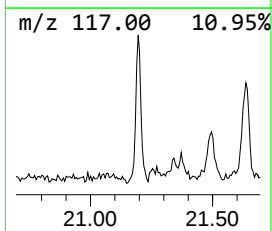
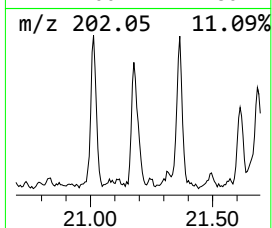
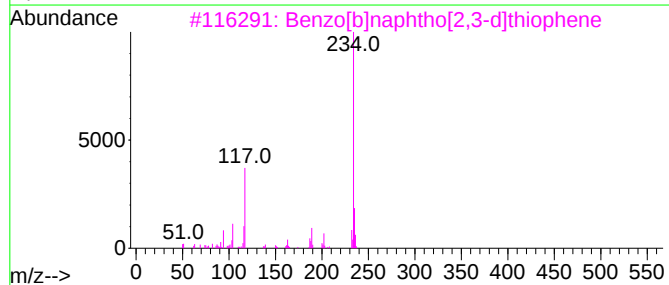
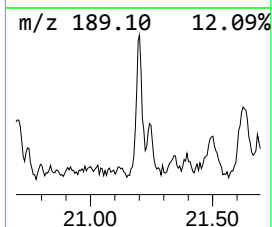
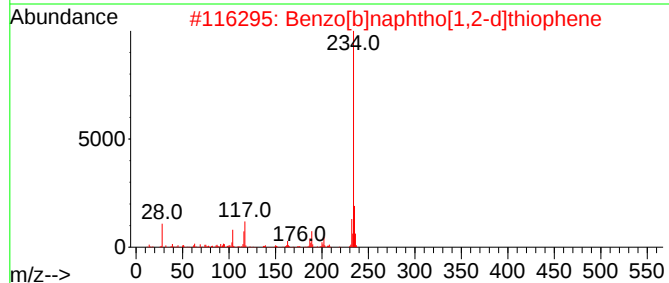
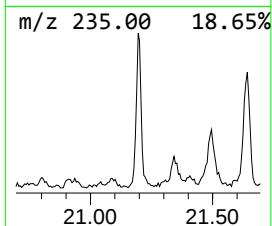
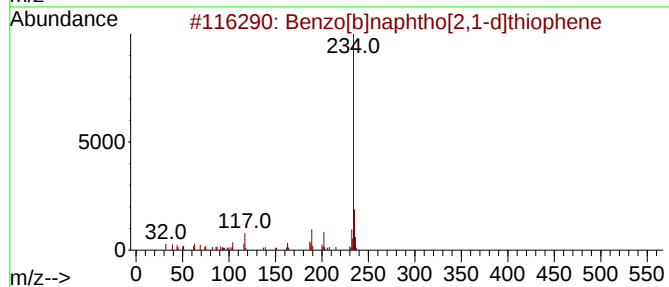
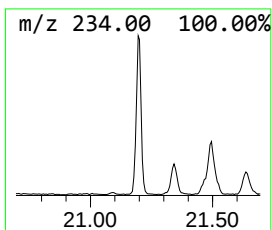
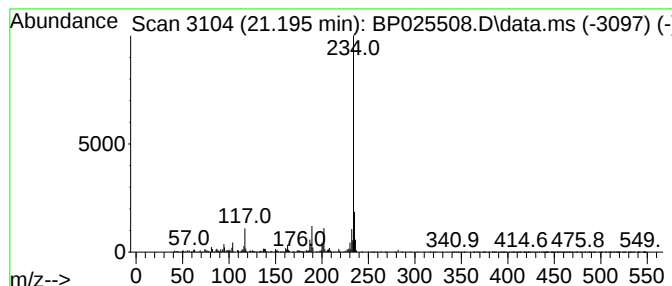
Instrument :
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ClientSampleId :
VNJ-232

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 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.195	2.62 ng	659894	Chrysene-d12	21.636	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	74
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
Acq On : 20 Aug 2025 14:53
Operator : CG/JU
Sample : Q2884-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-232

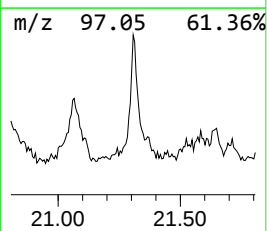
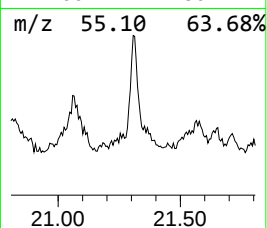
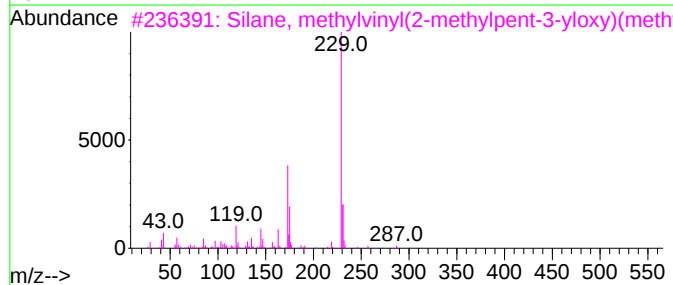
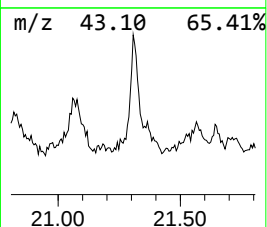
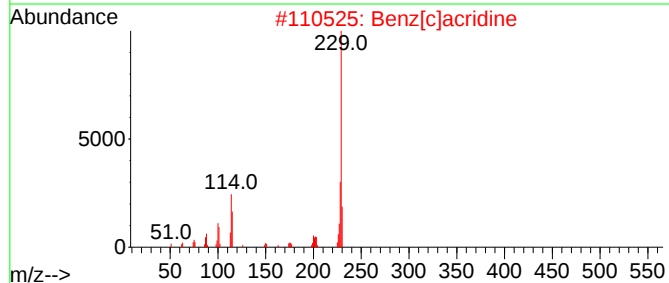
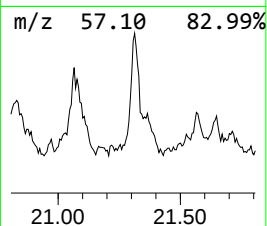
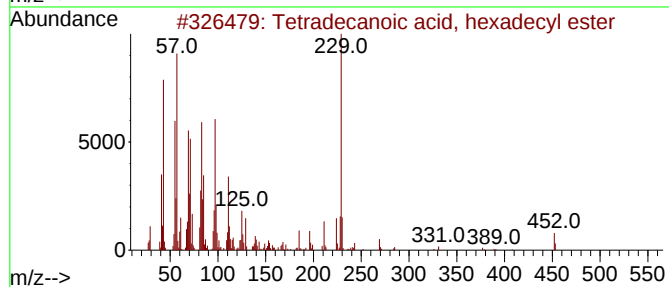
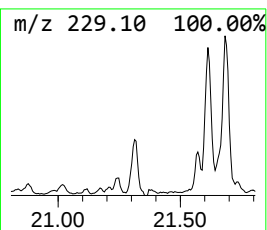
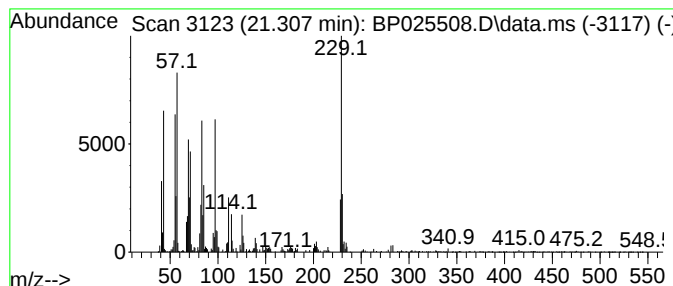
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecanoic acid, hexadec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.307	4.72 ng	1187250	Chrysene-d12	21.636

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	56
2		Benz[c]acridine	229	C17H11N	000225-51-4	27
3		Silane, methylvinyl(2-methylpent...	330	C16H34O3Si2	1000421-54-1	25
4		Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	22
5		Tetradecanoic acid, 2-hydroxy-, ...	258	C15H30O3	056009-40-6	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
Acq On : 20 Aug 2025 14:53
Operator : CG/JU
Sample : Q2884-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

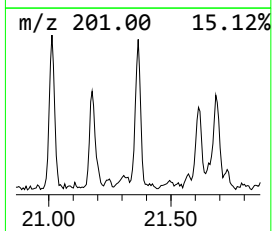
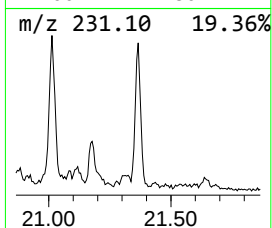
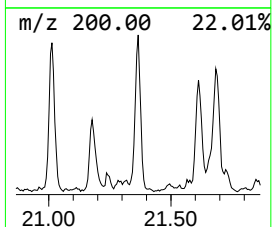
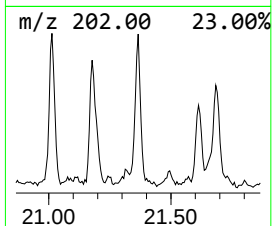
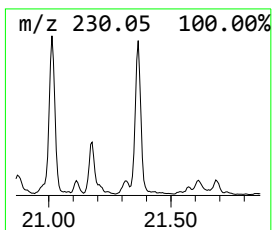
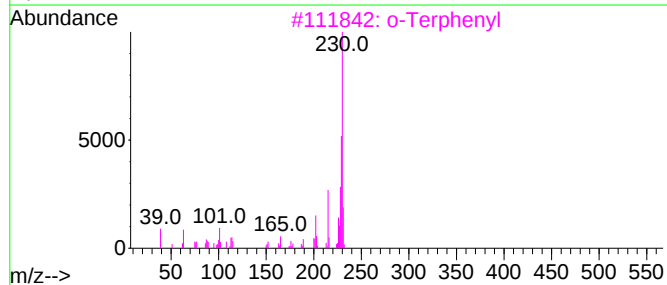
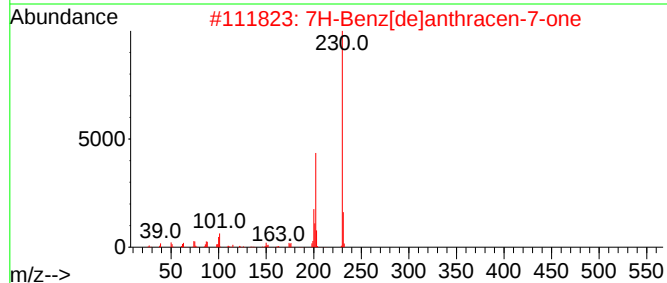
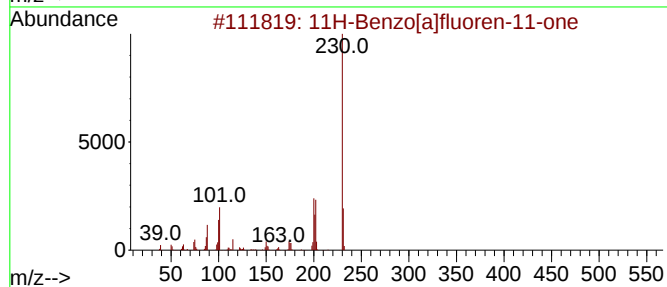
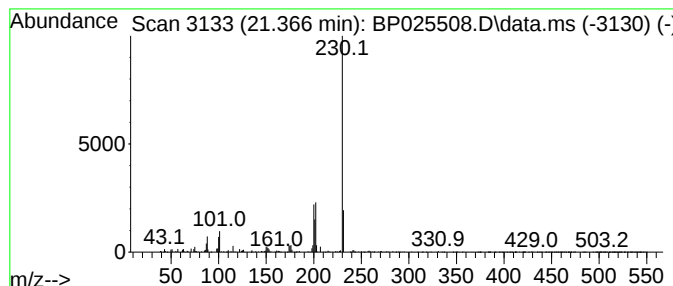
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.366	2.50 ng	629645	Chrysene-d12		21.636	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one		230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	91
3	o-Terphenyl		230	C18H14	000084-15-1	58
4	6H-Benz[de]anthracen-6-one		230	C17H10O	080252-14-8	56
5	1-Pyrenecarboxaldehyde		230	C17H10O	003029-19-4	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
Acq On : 20 Aug 2025 14:53
Operator : CG/JU
Sample : Q2884-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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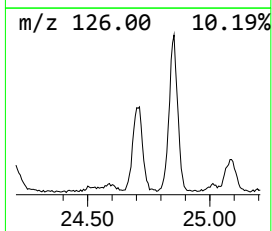
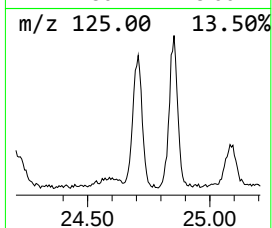
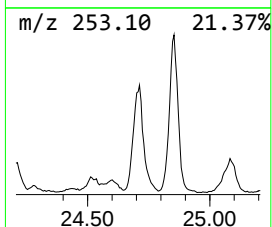
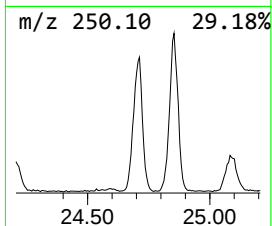
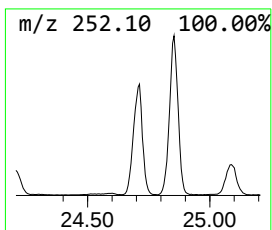
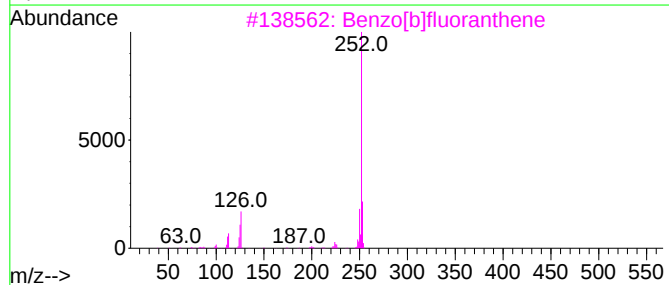
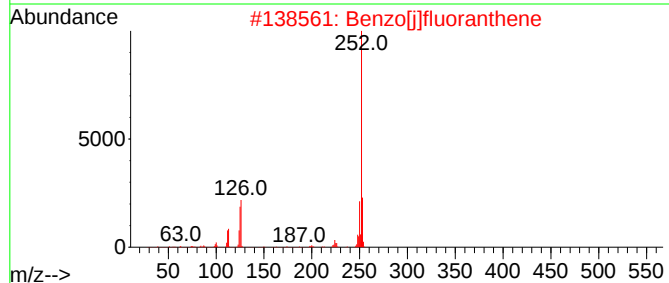
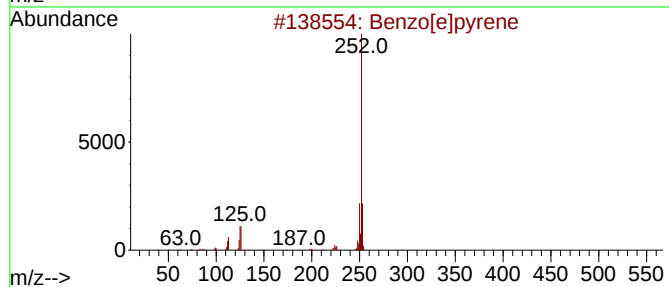
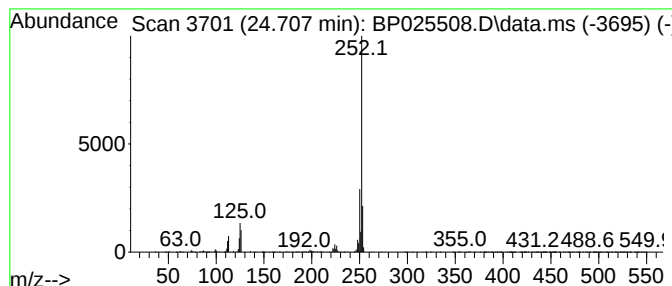
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.707	15.26 ng	1781770	Perylene-d12	25.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025508.D
Acq On : 20 Aug 2025 14:53
Operator : CG/JU
Sample : Q2884-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-232

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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
Butane, 2-metho...	3.037	13.9	ng	649295	1	7.784	933634	20.0
2-Pentanone, 4-...	4.943	3.0	ng	138854	1	7.784	933634	20.0
Benzophenone	15.778	2.9	ng	229167	3	14.401	1573170	20.0
7,9-Di-tert-but...	17.889	3.6	ng	332267	4	17.189	1850280	20.0
Phenanthrene, 1...	18.101	2.8	ng	257681	4	17.189	1850280	20.0
n-Hexadecanoic ...	18.142	8.7	ng	803415	4	17.189	1850280	20.0
Benzaldehyde, 3...	18.295	5.6	ng	515409	4	17.189	1850280	20.0
6-Phenylbenzocy...	18.619	2.7	ng	249125	4	17.189	1850280	20.0
9,10-Anthracene...	18.654	4.1	ng	381572	4	17.189	1850280	20.0
Cyclopenta(def)...	19.201	2.6	ng	244397	4	17.189	1850280	20.0
11H-Benzo[a]flu...	21.013	2.4	ng	610988	5	21.636	5030910	20.0
Benzo[b]naphtho...	21.195	2.6	ng	659894	5	21.636	5030910	20.0
Tetradecanoic a...	21.307	4.7	ng	1187250	5	21.636	5030910	20.0
7H-Benz[de]anth...	21.366	2.5	ng	629645	5	21.636	5030910	20.0
Benzo[e]pyrene	24.707	15.3	ng	1781770	6	25.012	2335560	20.0