

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049905.D
 Acq On : 11 Apr 2025 17:34
 Operator : RC/JU
 Sample : Q1756-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

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_M\Methods\8270-BM040825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049905.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	319	324	335	rBV	743833	1037203	8.65%	1.110%
2	5.363	397	404	410	rBV	4496908	6396591	53.36%	6.844%
3	5.969	502	507	513	rBV	106828	155840	1.30%	0.167%
4	6.951	664	674	691	rBV	4074521	6519060	54.38%	6.975%
5	7.775	807	814	821	rBV	1196564	1863501	15.54%	1.994%
6	8.928	989	1010	1021	rBV	2489936	4186856	34.92%	4.480%
7	10.569	1281	1289	1294	rBV	1371665	2301002	19.19%	2.462%
8	10.616	1294	1297	1305	rVB	123611	209754	1.75%	0.224%
9	12.233	1567	1572	1581	rVB	110620	192046	1.60%	0.205%
10	13.039	1701	1709	1720	rBV	6640906	9615961	80.21%	10.289%
11	14.139	1890	1896	1904	rBV	145379	252691	2.11%	0.270%
12	14.416	1933	1943	1950	rBV	2074059	3100793	25.87%	3.318%
13	14.480	1950	1954	1962	rVB4	62309	150586	1.26%	0.161%
14	14.816	2007	2011	2018	rVB2	107464	155661	1.30%	0.167%
15	14.969	2030	2037	2043	rBV	115444	271084	2.26%	0.290%
16	15.463	2116	2121	2125	rBV2	129433	196936	1.64%	0.211%
17	15.774	2168	2174	2181	rVB	1069635	1456528	12.15%	1.558%
18	15.904	2189	2196	2204	rBV	5609541	7693285	64.17%	8.232%
19	16.139	2232	2236	2247	rVB4	121637	251018	2.09%	0.269%
20	16.339	2266	2270	2277	rVB3	98671	146212	1.22%	0.156%
21	16.816	2347	2351	2359	rBV5	87980	204658	1.71%	0.219%
22	16.980	2376	2379	2388	rVB3	89082	152329	1.27%	0.163%
23	17.157	2404	2409	2413	rBV2	2272252	3318477	27.68%	3.551%
24	17.198	2413	2416	2423	rVV	1224022	1689044	14.09%	1.807%
25	17.292	2427	2432	2437	rVB	349268	502091	4.19%	0.537%
26	17.351	2438	2442	2447	rVV2	94923	164104	1.37%	0.176%
27	17.433	2453	2456	2460	rBV2	66317	129453	1.08%	0.139%
28	17.568	2475	2479	2484	rBV3	102913	219649	1.83%	0.235%
29	18.033	2554	2558	2561	rBV	333112	462178	3.86%	0.495%
30	18.080	2561	2566	2575	rVV	666296	1396194	11.65%	1.494%
31	18.163	2577	2580	2584	rVV2	195941	339108	2.83%	0.363%
32	18.221	2586	2590	2595	rVV2	485454	945008	7.88%	1.011%
33	18.262	2595	2597	2604	rVB	231441	320986	2.68%	0.343%
34	18.427	2622	2625	2630	rVB3	87815	135852	1.13%	0.145%
35	18.533	2640	2643	2648	rBV	213509	275395	2.30%	0.295%
36	18.786	2683	2686	2690	rVB	151241	172981	1.44%	0.185%

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

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37	18.839	2691	2695	2698	rBV	160241	218455	1.82%	0.234%
38	18.874	2698	2701	2704	rVB	116038	142485	1.19%	0.152%
39	18.957	2711	2715	2719	rBV	414765	600081	5.01%	0.642%
40	19.092	2735	2738	2746	rBV2	152128	301570	2.52%	0.323%
41	19.215	2754	2759	2766	rBV	1870797	2500648	20.86%	2.676%
42	19.280	2767	2770	2774	rBV	170467	219089	1.83%	0.234%
43	19.580	2812	2821	2830	rBV	1830469	3086158	25.74%	3.302%
44	19.657	2831	2834	2840	rVB3	244738	381030	3.18%	0.408%
45	19.786	2851	2856	2861	rVB	10299195	11988229	100.00%	12.827%
46	19.898	2872	2875	2885	rVB3	202396	442670	3.69%	0.474%
47	20.074	2902	2905	2909	rVB	386670	445031	3.71%	0.476%
48	20.174	2919	2922	2926	rBV	292753	416402	3.47%	0.446%
49	20.233	2930	2932	2937	rVB	263395	338167	2.82%	0.362%
50	20.374	2953	2956	2959	rBV	171490	213291	1.78%	0.228%
51	21.392	3122	3129	3134	rBV2	2872041	5721684	47.73%	6.122%
52	21.439	3134	3137	3146	rVB	999646	1417173	11.82%	1.516%
53	23.450	3473	3479	3486	rBV	660248	1888036	15.75%	2.020%
54	24.115	3588	3592	3602	rVB	483242	1045527	8.72%	1.119%
55	24.250	3609	3615	3628	rVB	795607	1962196	16.37%	2.100%
56	24.392	3632	3639	3646	rBV	1509739	3551690	29.63%	3.800%

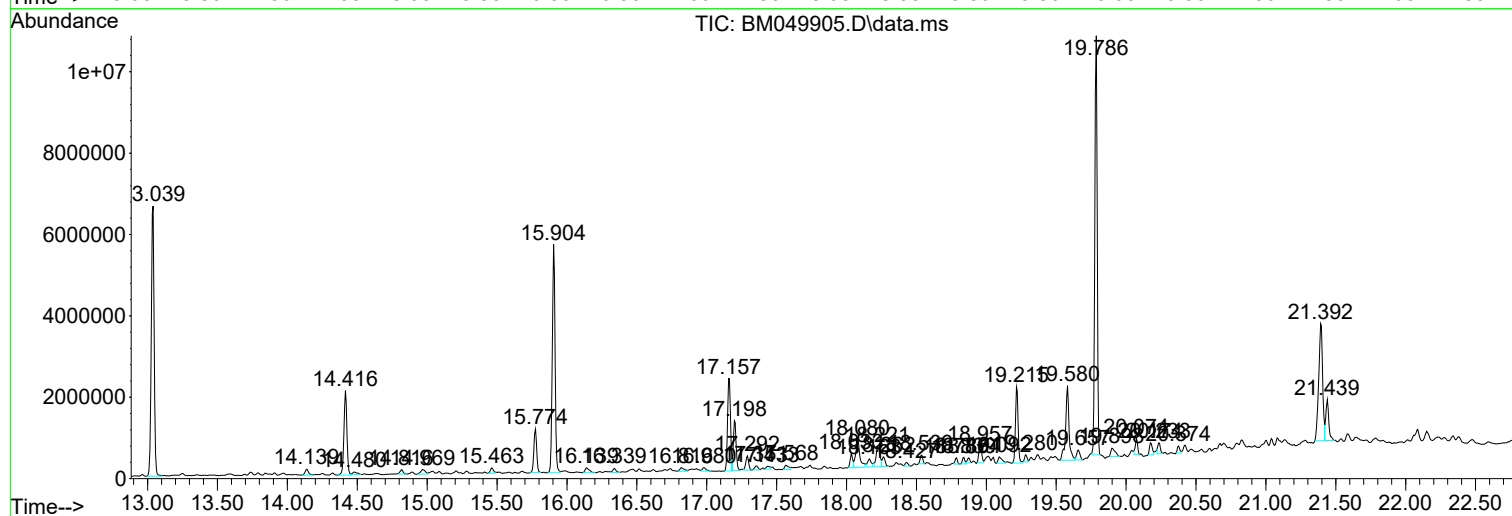
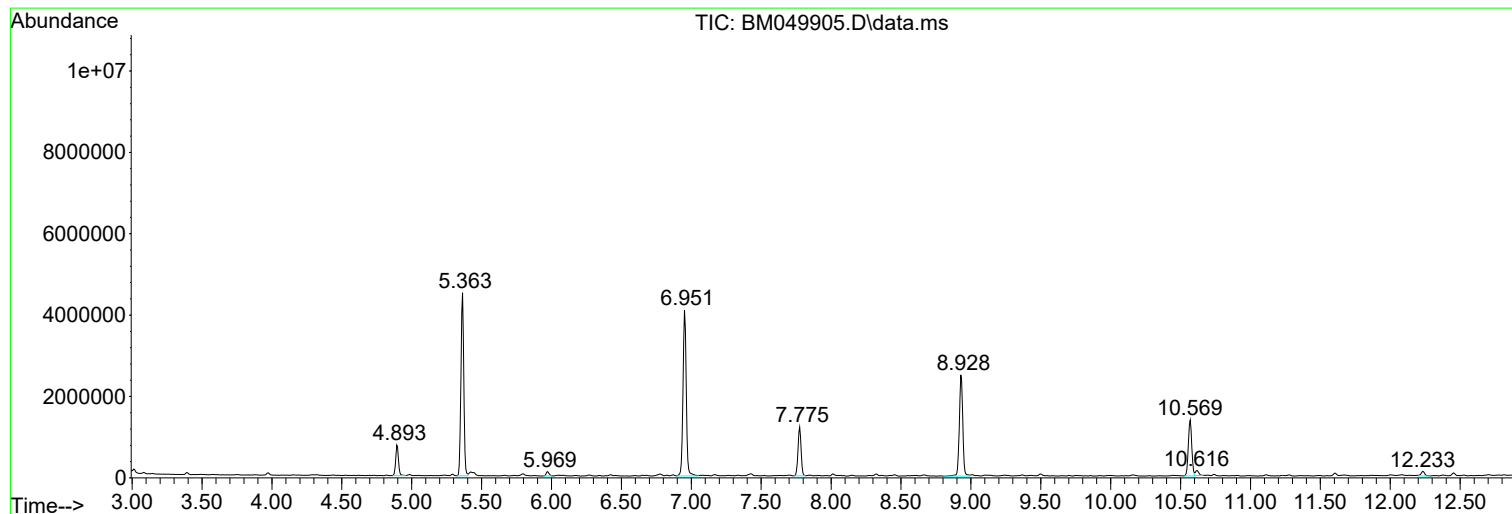
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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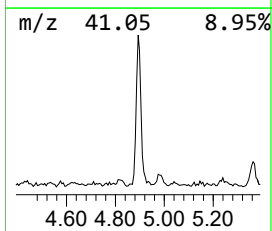
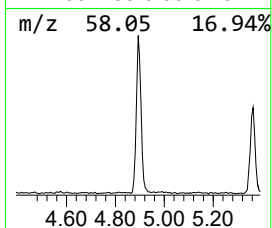
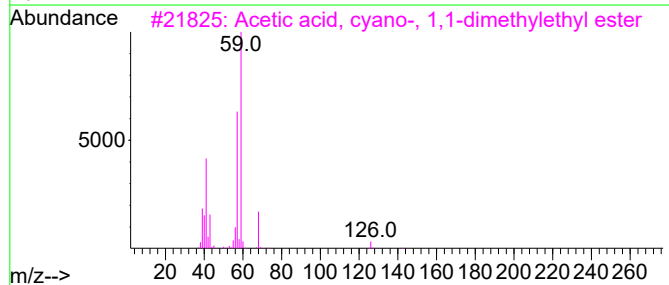
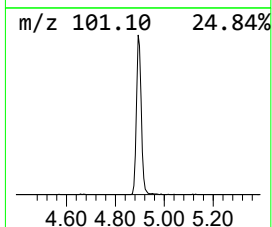
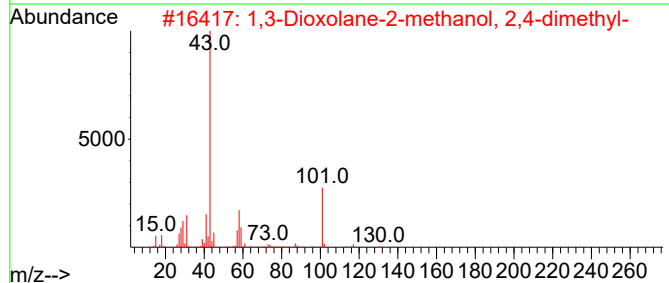
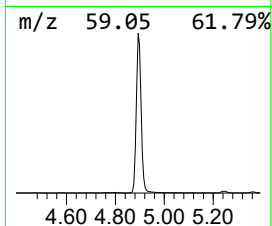
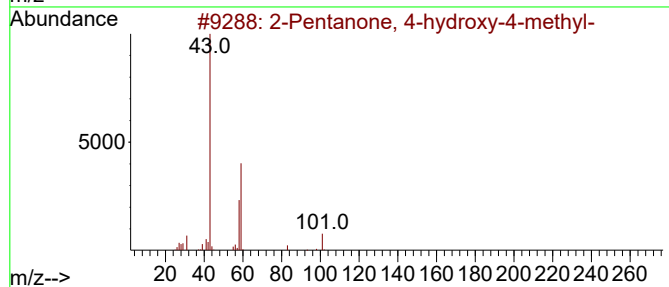
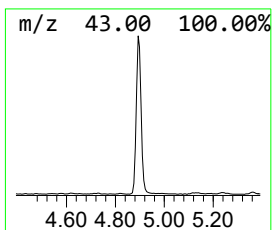
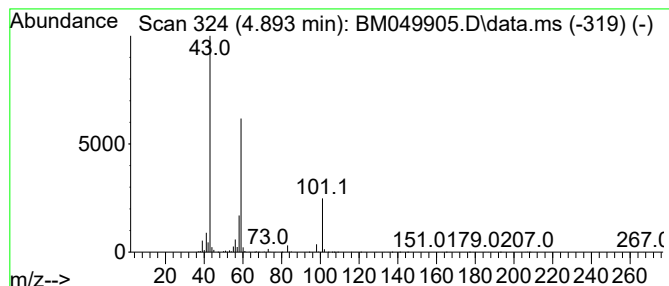
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	11.13 ng	1037200	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
5	1,2-Butanediol	90	C4H10O2	000584-03-2	17		



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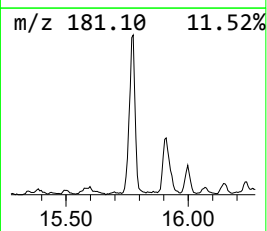
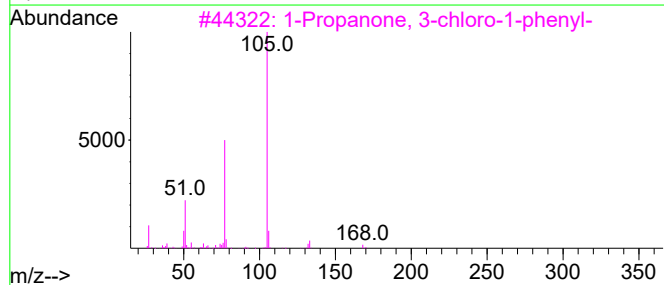
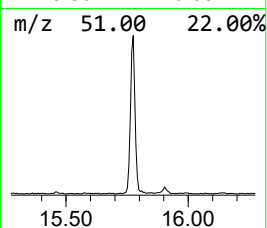
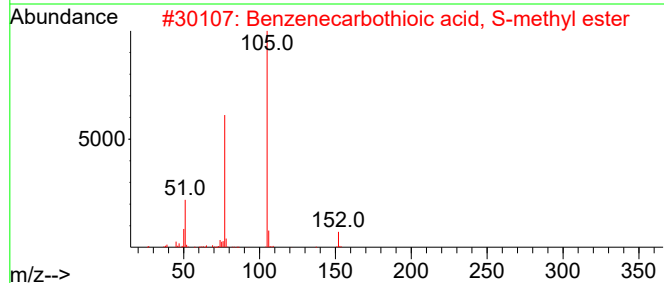
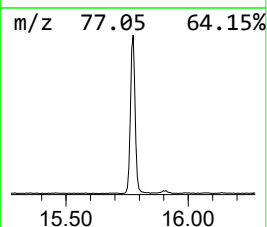
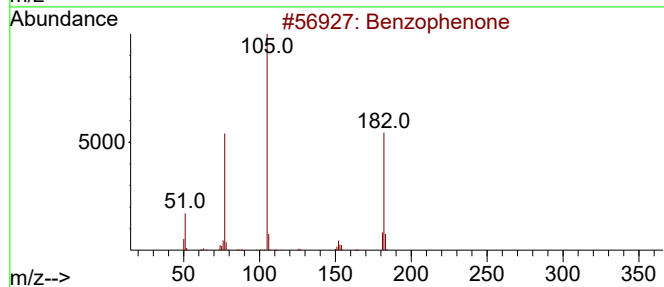
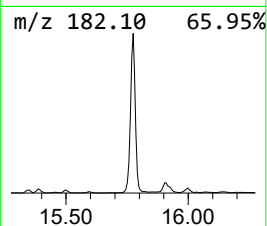
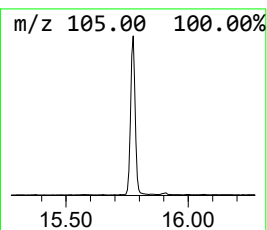
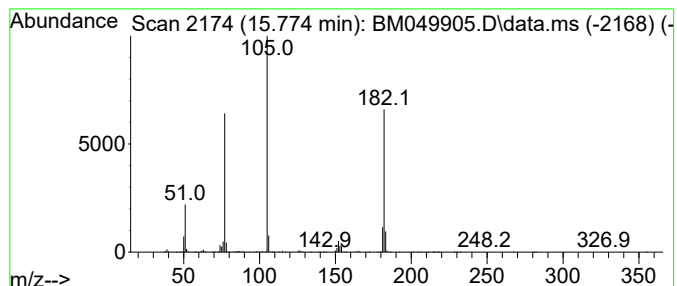
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	9.39 ng	1456530	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43
5			Benzenecarbothioic acid	138	C7H6OS	000098-91-9	43



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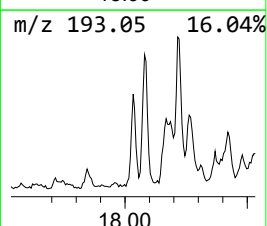
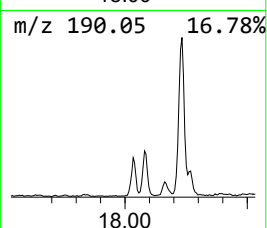
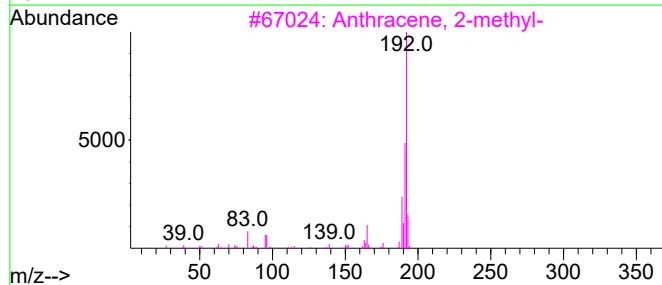
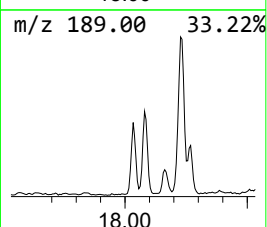
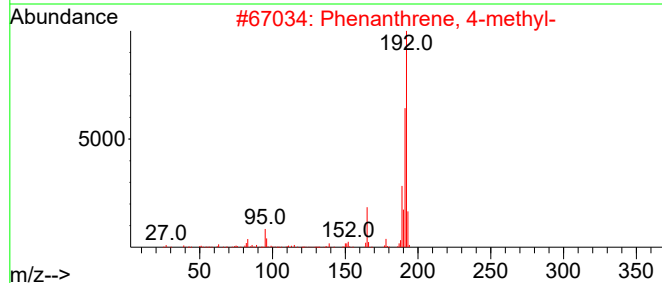
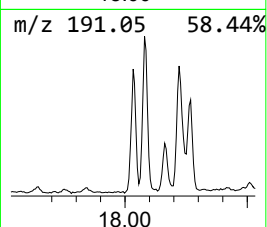
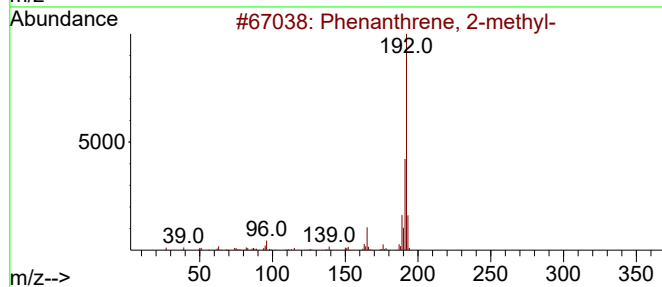
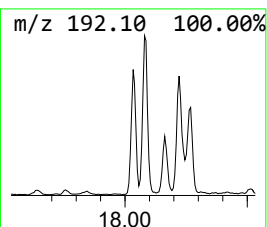
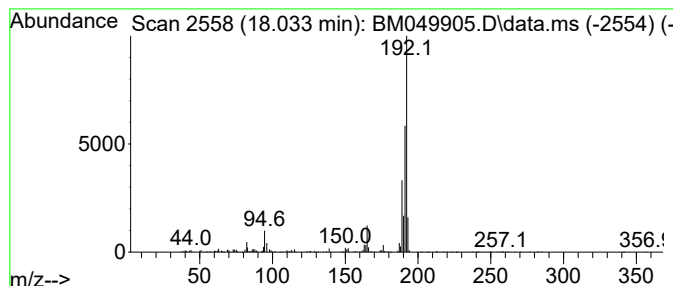
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	2.79 ng	462178	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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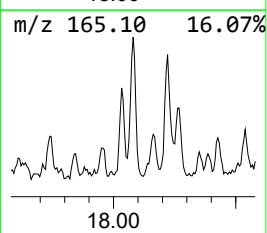
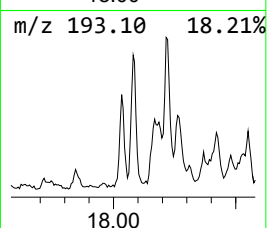
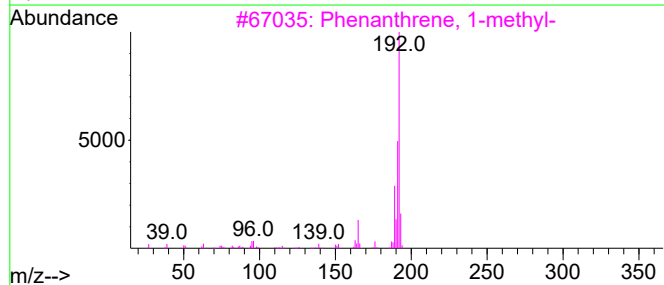
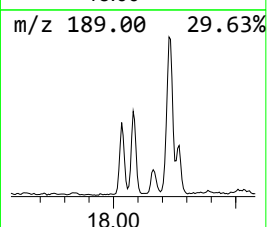
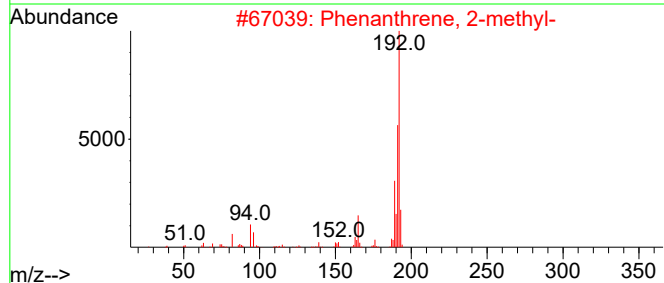
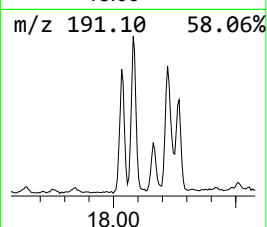
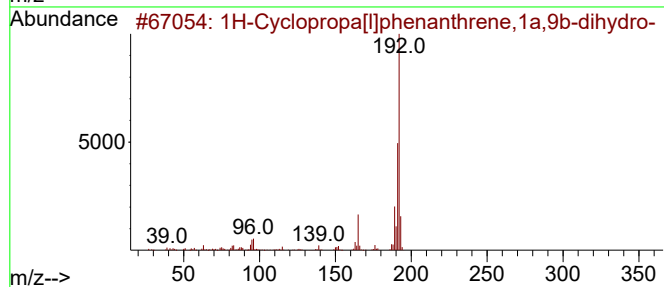
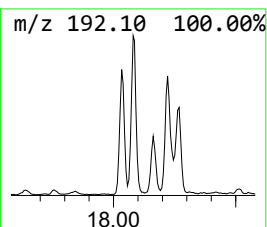
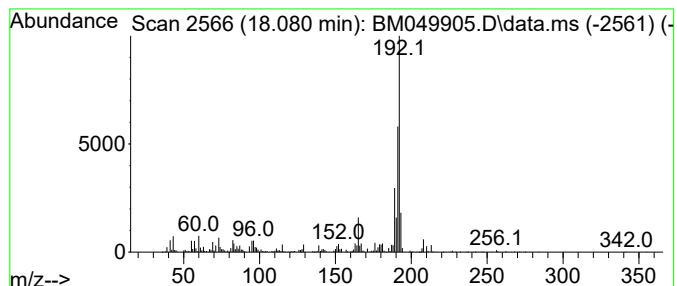
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	8.41 ng	1396190	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



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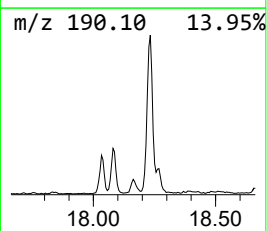
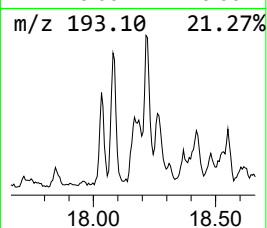
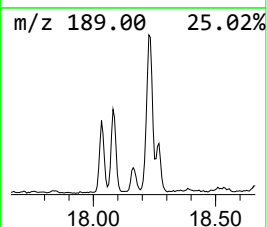
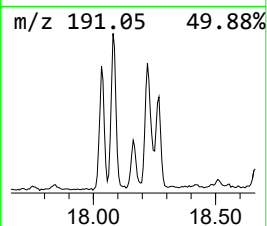
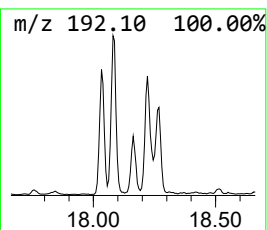
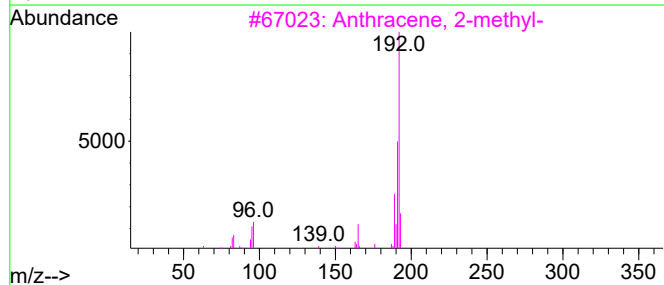
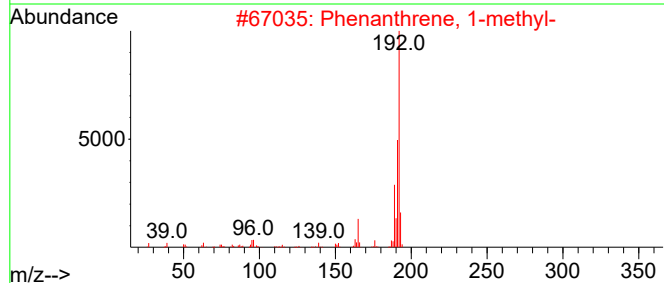
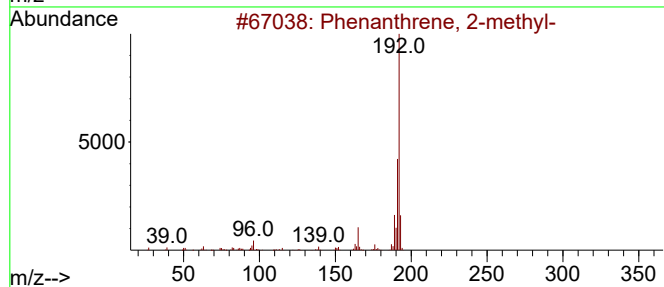
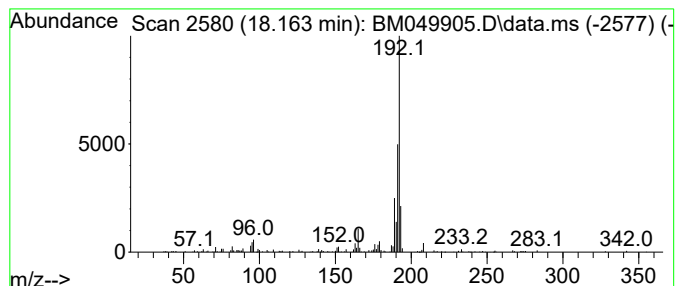
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.04 ng	339108	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	94
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049905.D
Acq On : 11 Apr 2025 17:34
Operator : RC/JU
Sample : Q1756-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

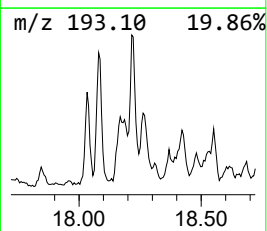
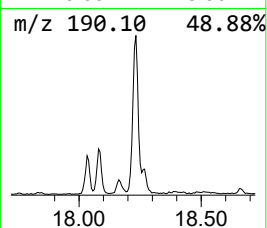
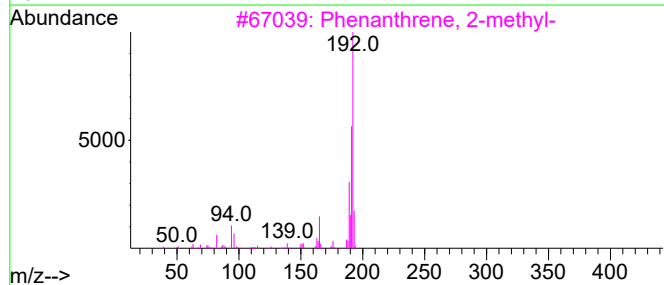
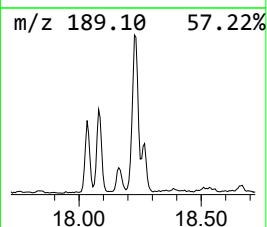
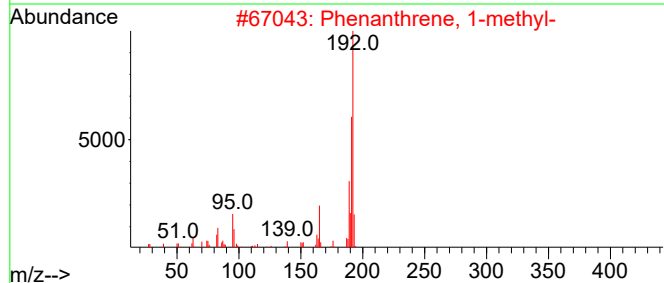
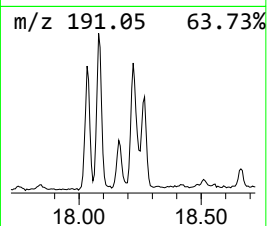
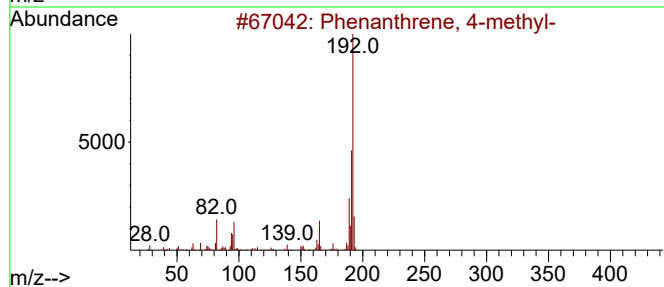
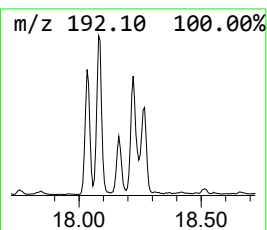
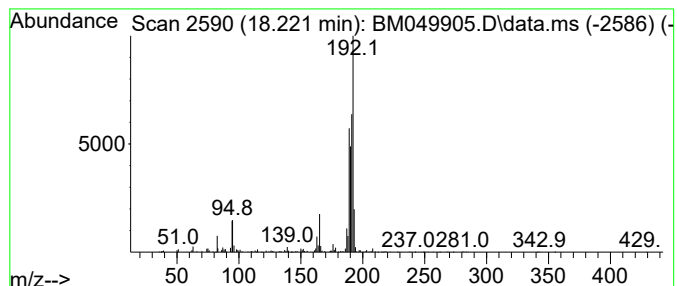
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	5.70 ng	945008	Phenanthrene-d10	17.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049905.D
Acq On : 11 Apr 2025 17:34
Operator : RC/JU
Sample : Q1756-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

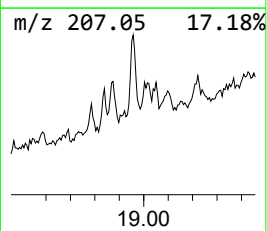
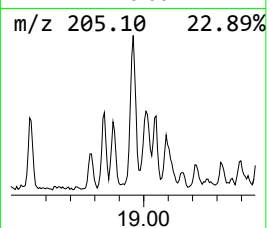
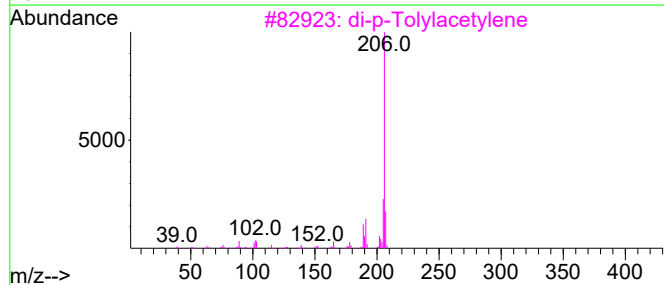
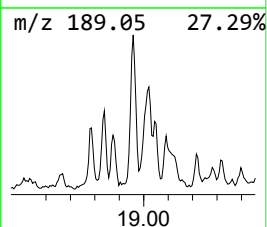
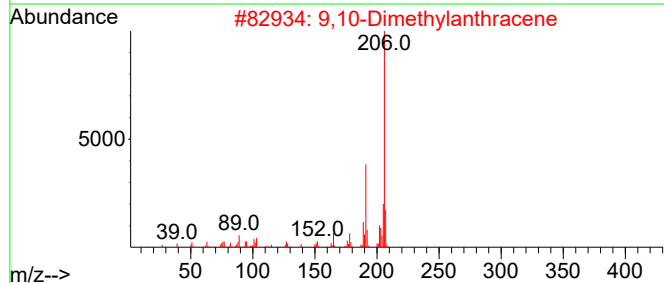
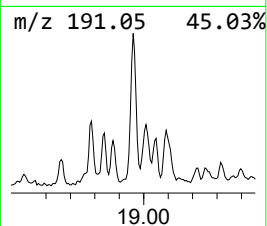
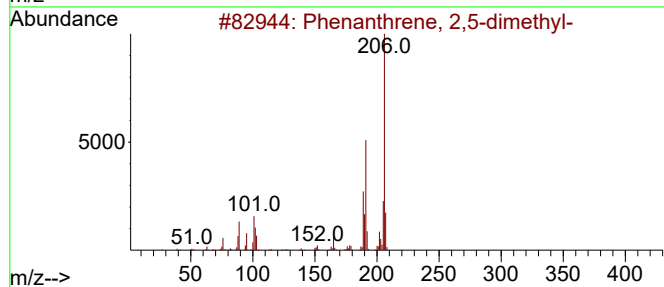
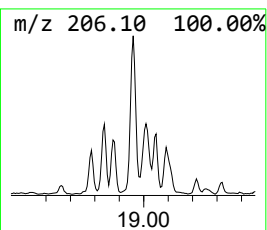
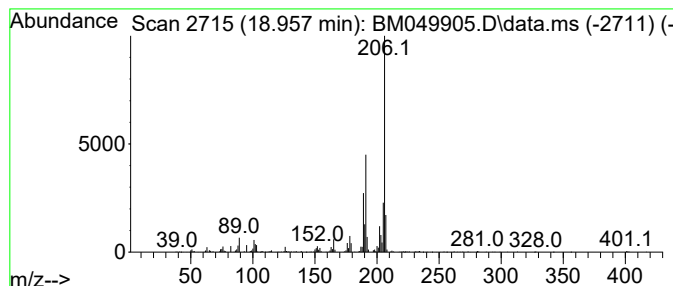
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.957	3.62 ng	600081	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	92
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049905.D
Acq On : 11 Apr 2025 17:34
Operator : RC/JU
Sample : Q1756-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

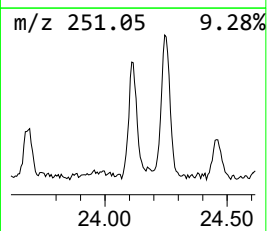
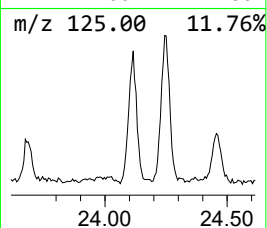
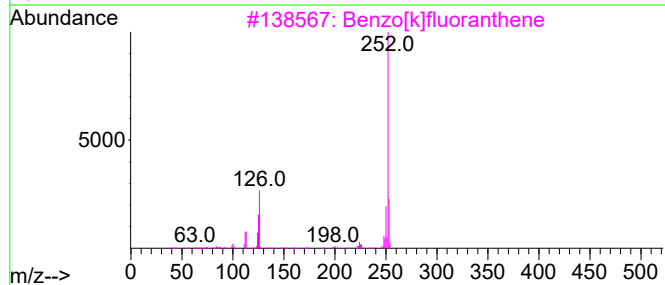
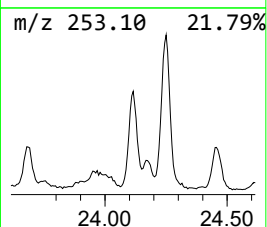
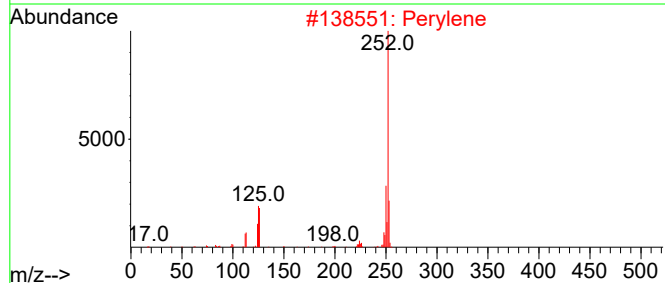
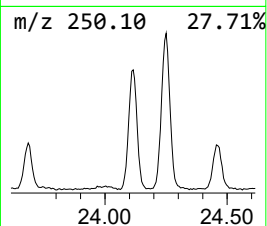
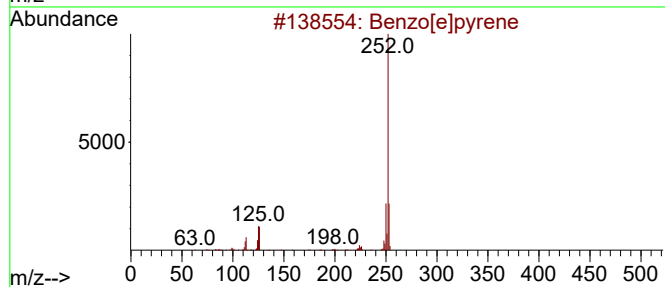
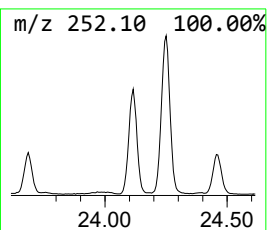
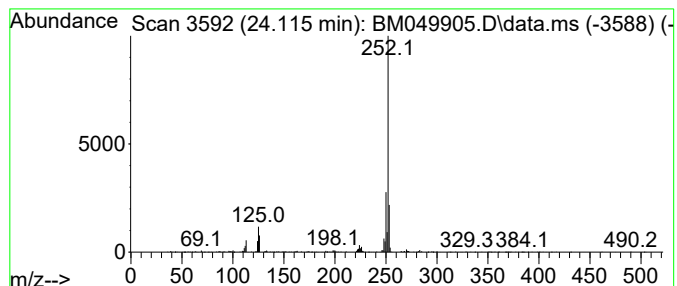
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.115	5.89 ng	1045530	Perylene-d12	24.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Perylene	252	C20H12	000198-55-0	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049905.D
Acq On : 11 Apr 2025 17:34
Operator : RC/JU
Sample : Q1756-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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-...	4.893	11.1	ng	1037200	1	7.775	1863500	20.0
Benzophenone	15.774	9.4	ng	1456530	3	14.416	3100790	20.0
Phenanthrene, 2...	18.033	2.8	ng	462178	4	17.157	3318480	20.0
1H-Cyclopropa[1...	18.080	8.4	ng	1396190	4	17.157	3318480	20.0
Phenanthrene, 1...	18.163	2.0	ng	339108	4	17.157	3318480	20.0
Phenanthrene, 4...	18.221	5.7	ng	945008	4	17.157	3318480	20.0
Phenanthrene, 2...	18.957	3.6	ng	600081	4	17.157	3318480	20.0
Benzo[e]pyrene	24.115	5.9	ng	1045530	6	24.392	3551690	20.0