

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
 Data File : BG064437.D
 Acq On : 23 Sep 2025 13:18
 Operator : RC/JU
 Sample : Q3155-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

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_G\Methods\8270-BG082825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064437.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.432	392	399	406	rBV	241866	388046	32.10%	4.121%
2	7.013	658	668	678	rBV	272381	463141	38.31%	4.918%
3	7.836	802	808	817	rBV2	80328	134673	11.14%	1.430%
4	8.987	998	1004	1014	rBV	168376	293392	24.27%	3.115%
5	10.620	1276	1282	1290	rBV	102940	185866	15.37%	1.974%
6	13.082	1694	1701	1709	rBV	434606	651841	53.91%	6.922%
7	14.463	1929	1936	1942	rBV	182160	267612	22.13%	2.842%
8	15.820	2161	2167	2173	rVB	62744	96029	7.94%	1.020%
9	15.950	2182	2189	2199	rBV	440269	663300	54.86%	7.043%
10	17.107	2382	2386	2393	rBV3	22956	33900	2.80%	0.360%
11	17.201	2393	2402	2406	rVV	246381	379895	31.42%	4.034%
12	17.242	2406	2409	2416	rVV	99014	138412	11.45%	1.470%
13	17.336	2420	2425	2430	rVB	15391	22899	1.89%	0.243%
14	17.606	2463	2471	2474	rBV4	9654	17149	1.42%	0.182%
15	17.977	2528	2534	2541	rBV5	20288	44663	3.69%	0.474%
16	18.041	2541	2545	2548	rVV4	12800	18314	1.51%	0.194%
17	18.106	2548	2556	2565	rVB3	153666	255781	21.16%	2.716%
18	18.270	2579	2584	2588	rBV3	16815	30389	2.51%	0.323%
19	18.400	2602	2606	2611	rBV5	21242	34969	2.89%	0.371%
20	18.611	2639	2642	2647	rVB3	13397	17558	1.45%	0.186%
21	19.128	2727	2730	2736	rVB3	15818	25038	2.07%	0.266%
22	19.257	2744	2752	2761	rBV	227406	377103	31.19%	4.004%
23	19.375	2766	2772	2780	rVV7	52081	92473	7.65%	0.982%
24	19.616	2803	2813	2821	rBV	210056	341550	28.25%	3.627%
25	19.680	2822	2824	2831	rVB5	9637	16866	1.39%	0.179%
26	19.821	2840	2848	2853	rBV	949059	1209041	100.00%	12.838%
27	19.933	2863	2867	2870	rBV5	13637	20723	1.71%	0.220%
28	20.109	2894	2897	2901	rVB2	16529	22293	1.84%	0.237%
29	20.262	2918	2923	2927	rVV5	17626	31784	2.63%	0.338%
30	20.297	2927	2929	2935	rVB7	11715	17353	1.44%	0.184%
31	20.456	2952	2956	2960	rVV5	14731	21927	1.81%	0.233%
32	20.856	3020	3024	3031	rVB	30292	39938	3.30%	0.424%
33	21.032	3048	3054	3057	rVV3	16936	27120	2.24%	0.288%
34	21.073	3059	3061	3063	rVV3	12372	15318	1.27%	0.163%
35	21.108	3063	3067	3074	rVV4	75402	136194	11.26%	1.446%
36	21.173	3074	3078	3086	rVB3	31181	48426	4.01%	0.514%

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37	21.337	3102	3106	3110	rBV	63498	74338	6.15%	0.789%
38	21.425	3114	3121	3126	rVV2	319438	610863	50.52%	6.487%
39	21.472	3126	3129	3138	rVB	85547	142313	11.77%	1.511%
40	21.625	3151	3155	3160	rVB6	17485	28113	2.33%	0.299%
41	21.813	3181	3187	3193	rBV9	15471	34350	2.84%	0.365%
42	22.119	3235	3239	3243	rVB4	16564	27839	2.30%	0.296%
43	22.195	3249	3252	3259	rVB7	19638	38331	3.17%	0.407%
44	22.377	3278	3283	3286	rBV7	13411	25103	2.08%	0.267%
45	22.542	3309	3311	3315	rVB5	14222	16477	1.36%	0.175%
46	22.642	3320	3328	3336	rBV3	58787	133054	11.00%	1.413%
47	22.812	3353	3357	3367	rVB3	28767	69963	5.79%	0.743%
48	23.018	3387	3392	3398	rVB4	40066	70917	5.87%	0.753%
49	23.159	3410	3416	3423	rVB5	52945	107315	8.88%	1.140%
50	23.488	3463	3472	3477	rBV2	75087	234930	19.43%	2.495%
51	23.635	3492	3497	3507	rBV4	59307	130496	10.79%	1.386%
52	24.146	3578	3584	3595	rVB2	41631	108827	9.00%	1.156%
53	24.281	3599	3607	3620	rVB2	59323	178069	14.73%	1.891%
54	24.428	3623	3632	3641	rBV	170500	441961	36.55%	4.693%
55	24.651	3668	3670	3679	rVB10	7956	16367	1.35%	0.174%
56	24.927	3713	3717	3727	rVB7	35884	87767	7.26%	0.932%
57	25.468	3807	3809	3810	rBV2	15228	12712	1.05%	0.135%
58	25.603	3824	3832	3833	rBV8	17734	38136	3.15%	0.405%
59	27.783	4195	4203	4204	rBV7	24858	51288	4.24%	0.545%
60	28.817	4376	4379	4380	rBV3	12269	13575	1.12%	0.144%
61	31.255	4785	4794	4795	rBV9	16925	32498	2.69%	0.345%
62	31.766	4869	4881	4894	rVB9	23305	110732	9.16%	1.176%

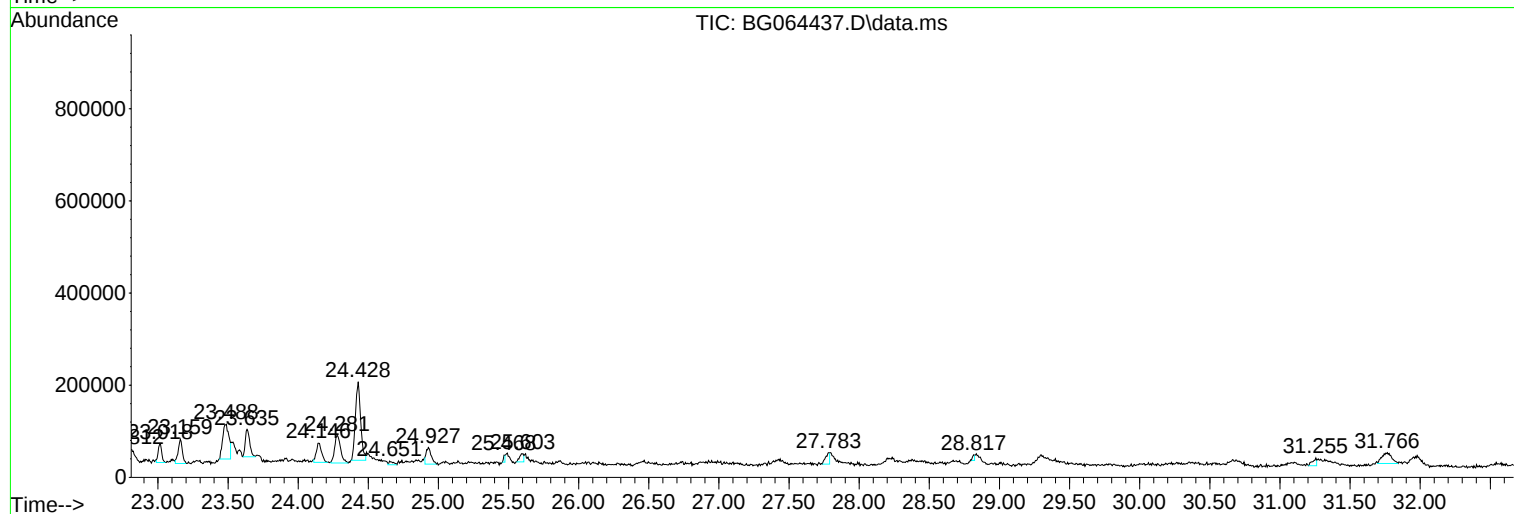
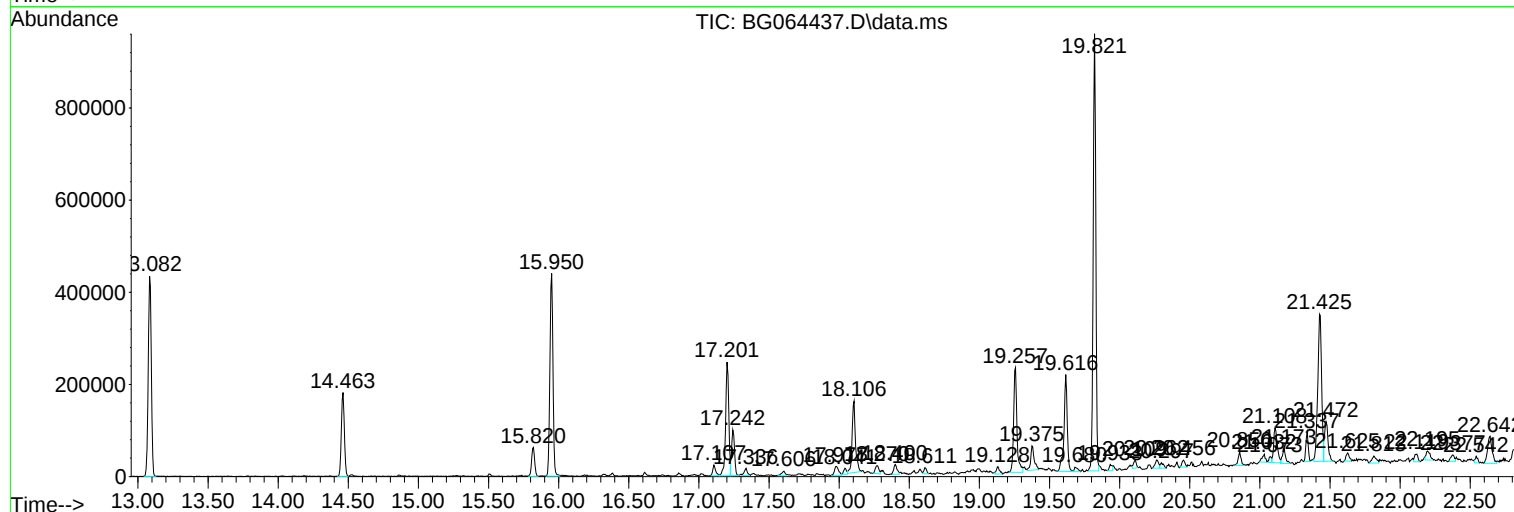
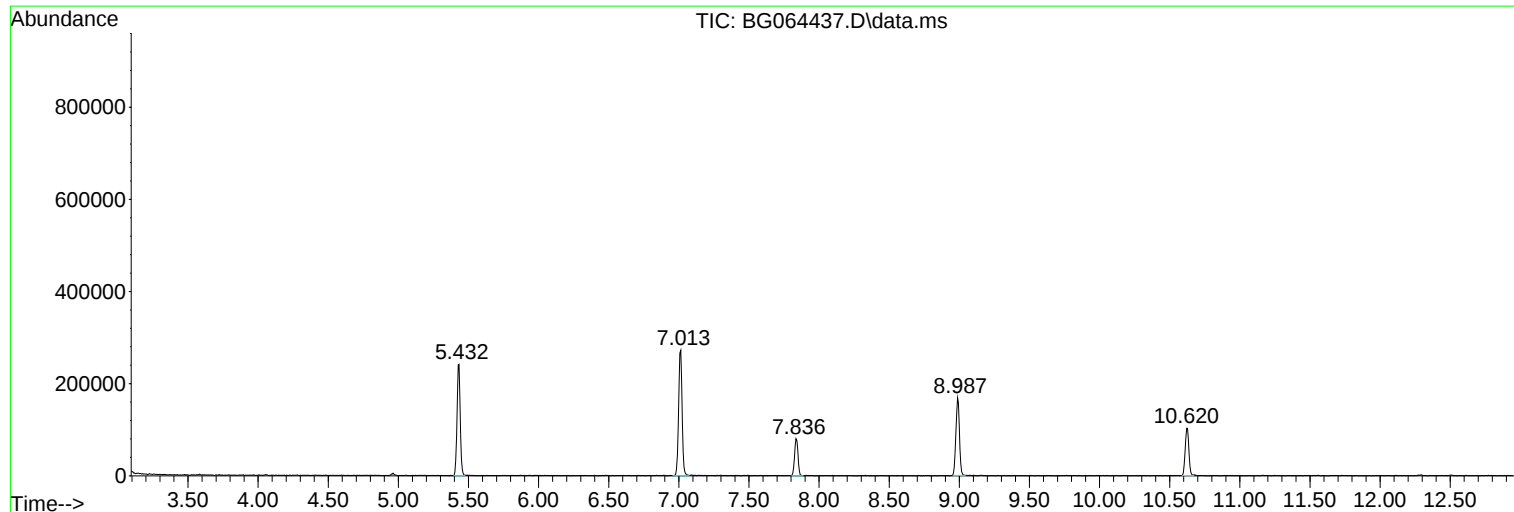
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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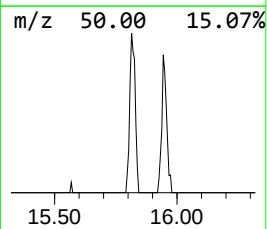
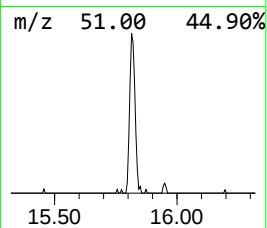
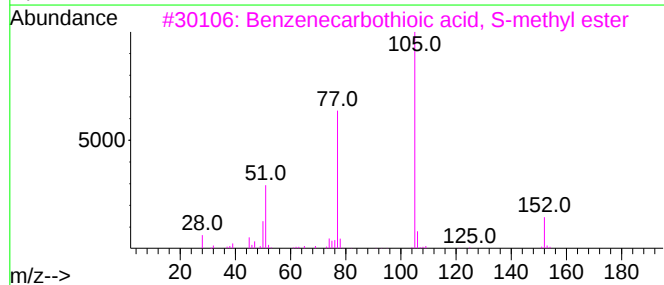
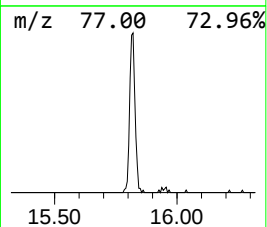
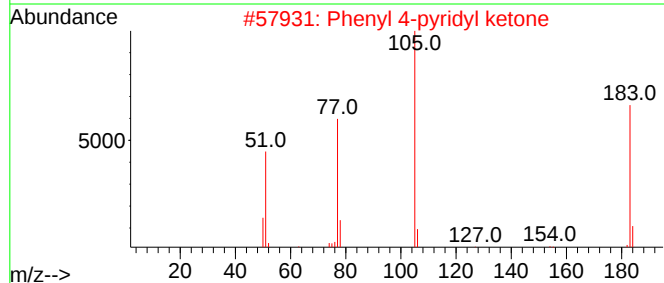
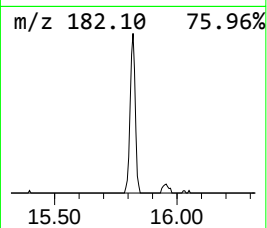
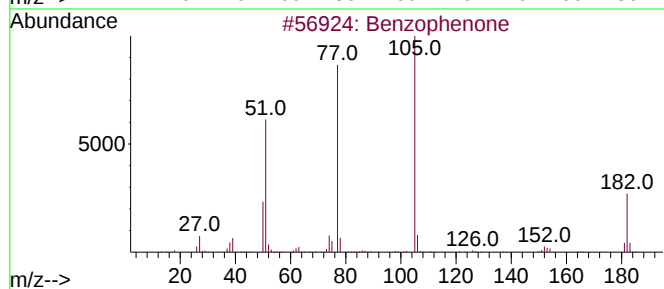
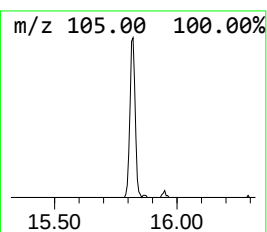
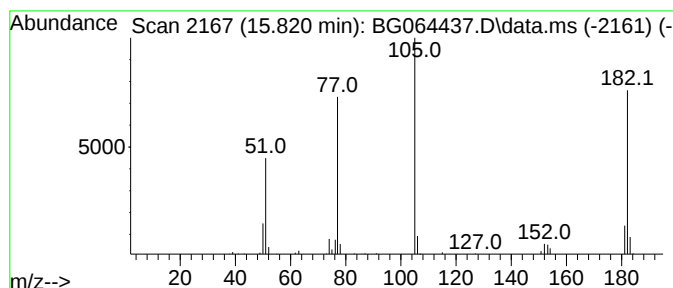
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.820	7.18 ng	96029	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	55
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	45
4			Benzoylformic acid	150	C8H6O3	000611-73-4	38
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	38



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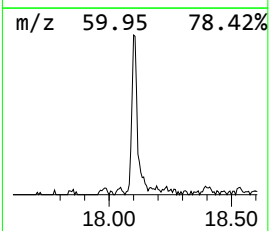
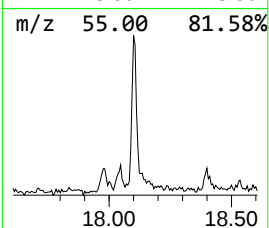
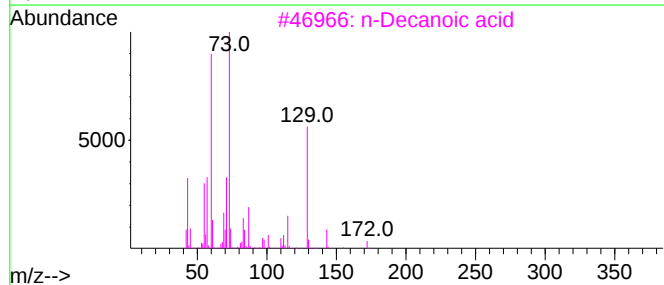
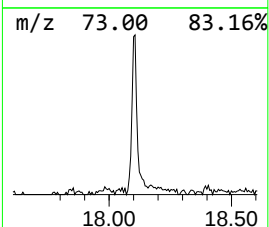
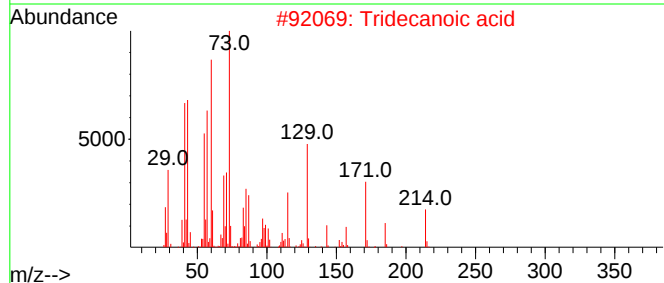
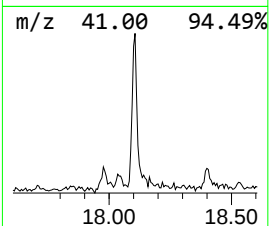
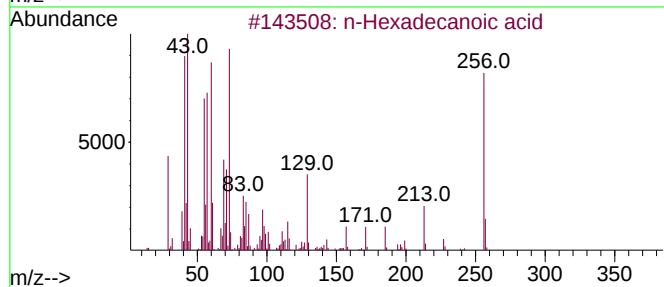
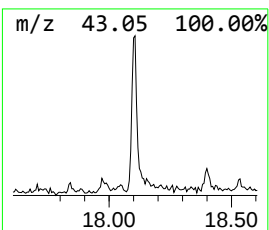
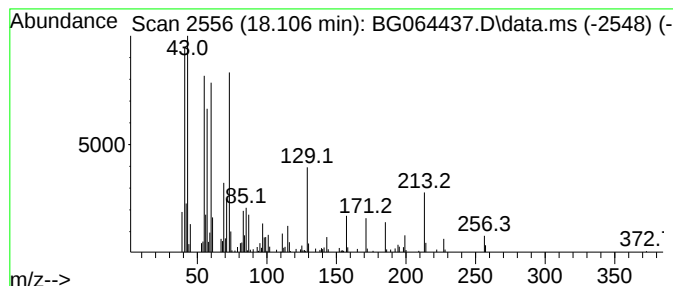
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.106	13.47 ng	255781	Phenanthrene-d10		17.201	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
2	Tridecanoic acid		214	C13H26O2	000638-53-9	87
3	n-Decanoic acid		172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	74
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	72



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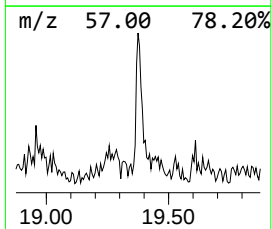
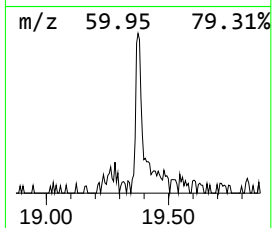
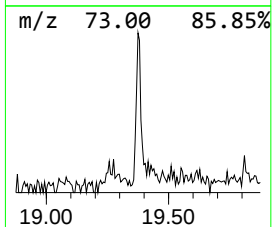
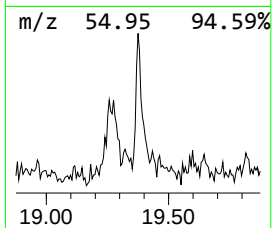
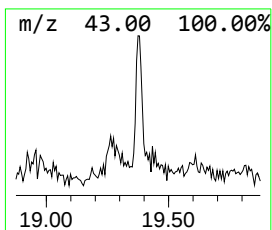
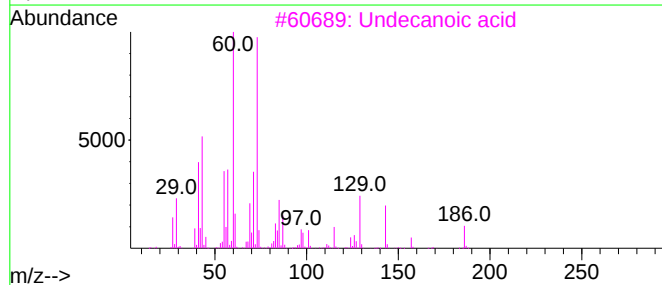
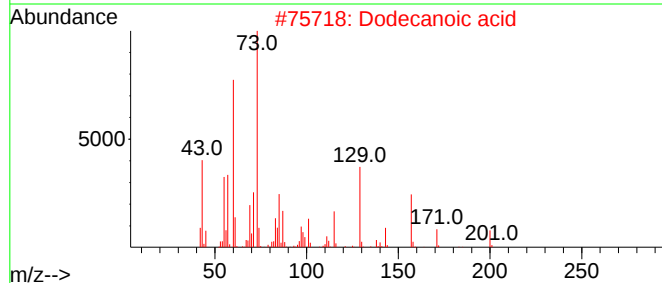
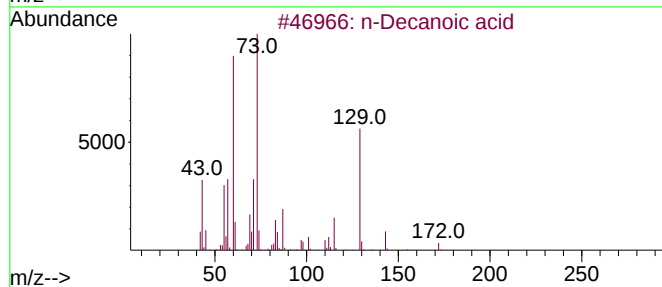
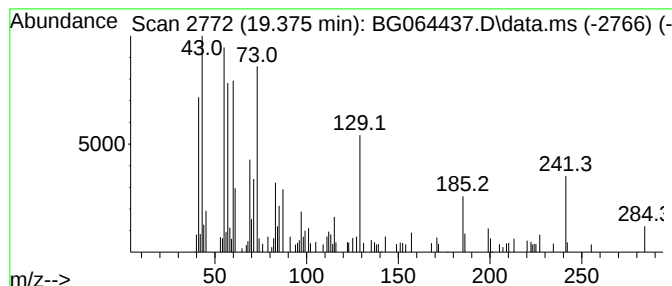
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Decanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.375	3.03 ng	92473	Chrysene-d12	21.431

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Decanoic acid	172	C10H20O2	000334-48-5	90
2			Dodecanoic acid	200	C12H24O2	000143-07-7	78
3			Undecanoic acid	186	C11H22O2	000112-37-8	60
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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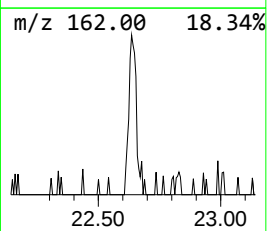
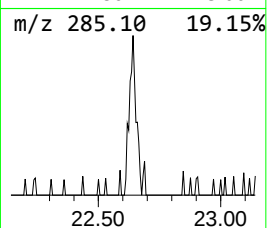
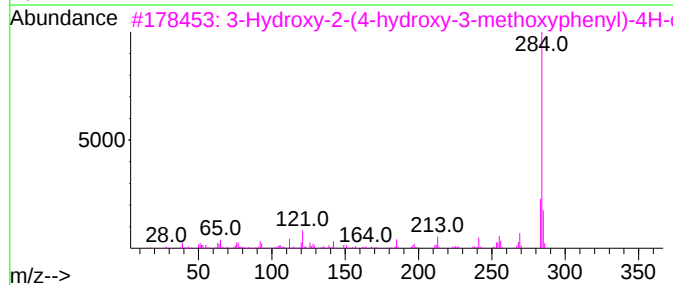
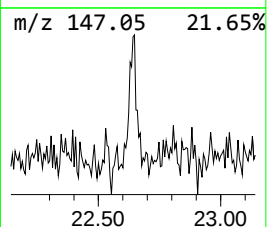
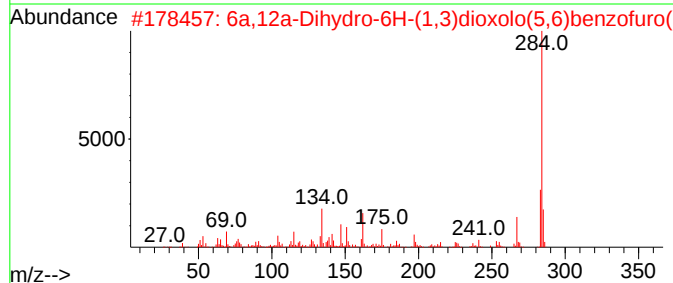
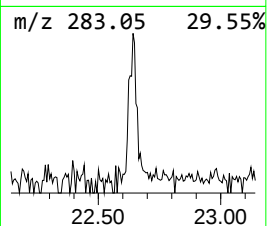
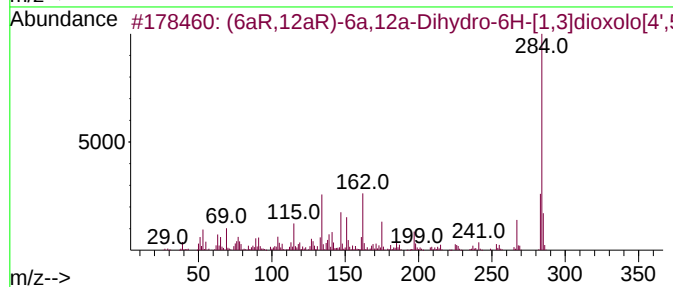
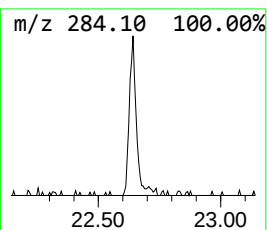
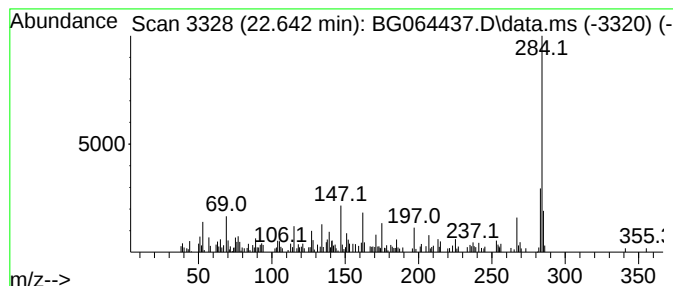
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (6aR,12aR)-6a,12a-Dihydro-6... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.642	4.36 ng	133054	Chrysene-d12	21.431	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(6aR,12aR)-6a,12a-Dihydro-6H-[1,...	284	C16H12O5	002035-15-6	93
2	6a,12a-Dihydro-6H-(1,3)dioxolo(5...	284	C16H12O5	076496-57-6	93
3	3-Hydroxy-2-(4-hydroxy-3-methoxy...	284	C16H12O5	159184-95-9	83
4	Maackiaian, acetate	326	C18H14O6	002035-16-7	81
5	Coumaran-6-ol-3-one, 2-[4-hydrox...	284	C16H12O5	032396-80-8	70



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Misc :
ALS Vial : 4 Sample Multiplier: 1

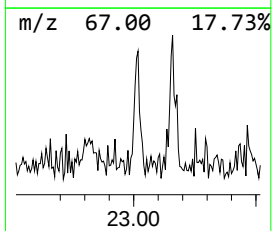
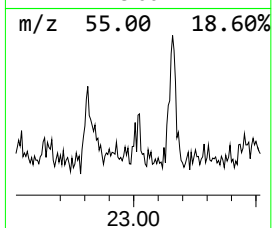
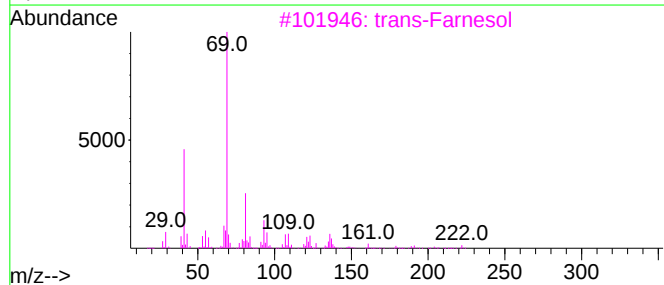
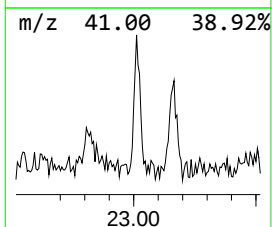
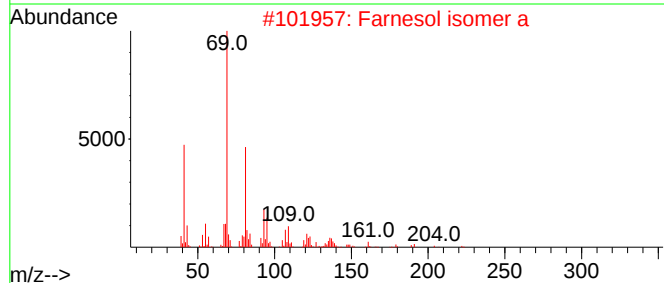
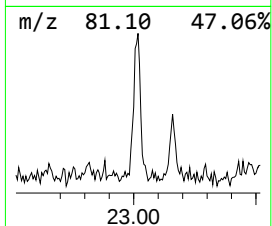
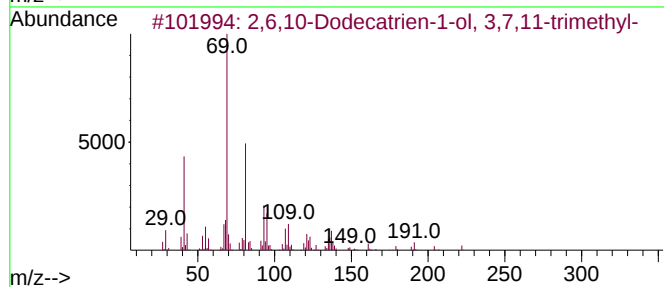
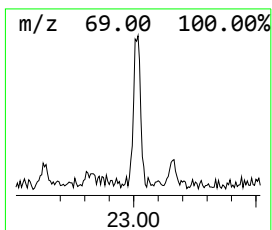
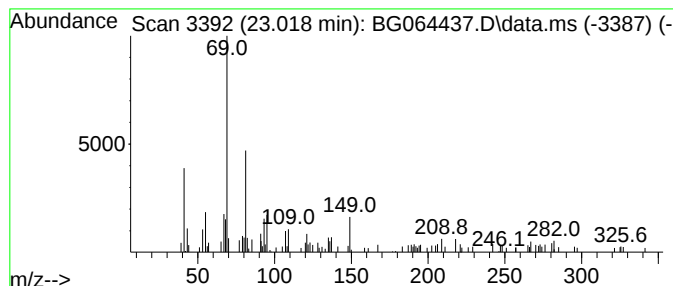
Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.018	3.21 ng	70917	Perylene-d12	24.428	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	97
2	Farnesol isomer a	222	C15H26O	1000108-92-4	93
3	trans-Farnesol	222	C15H26O	000106-28-5	70
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	70
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064437.D
Acq On : 23 Sep 2025 13:18
Operator : RC/JU
Sample : Q3155-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

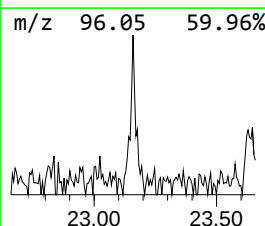
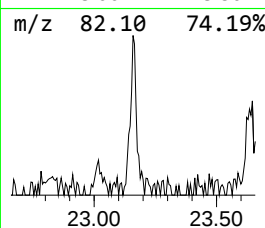
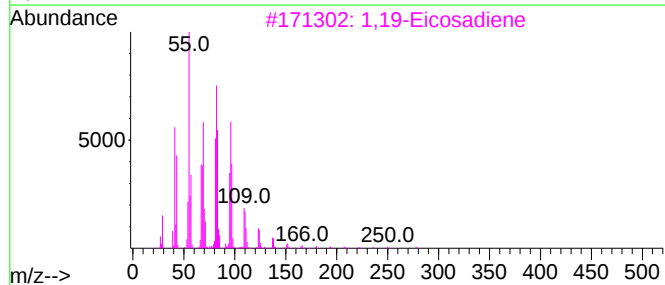
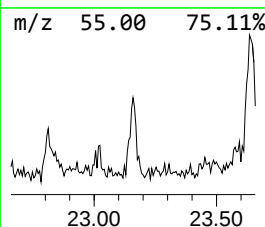
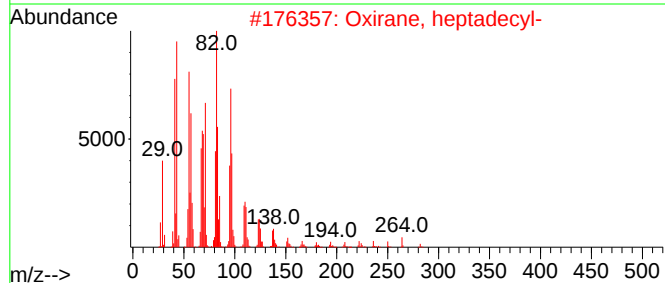
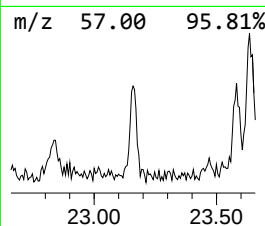
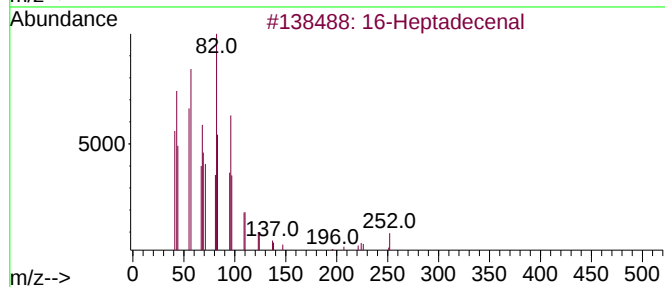
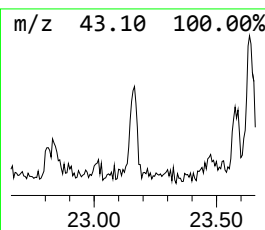
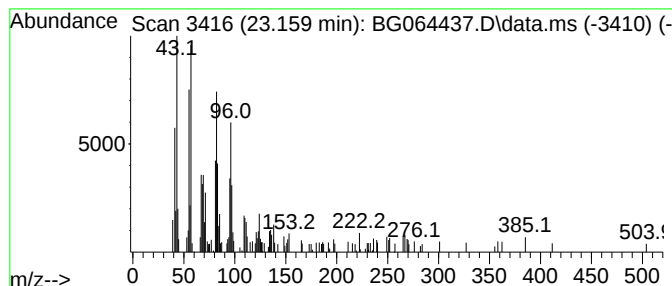
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 16-Heptadecenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.159	4.86 ng	107315	Perylene-d12	24.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Heptadecenal	252	C17H32O	1010144-57-9	91
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3			1,19-Eicosadiene	278	C20H38	014811-95-1	87
4			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	87
5			Pentadecanal-	226	C15H30O	002765-11-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064437.D
Acq On : 23 Sep 2025 13:18
Operator : RC/JU
Sample : Q3155-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

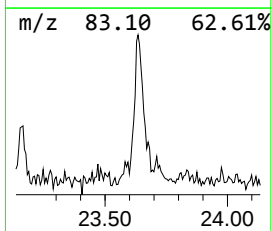
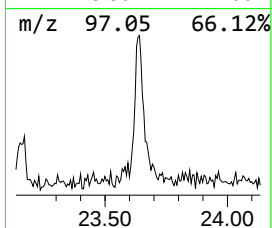
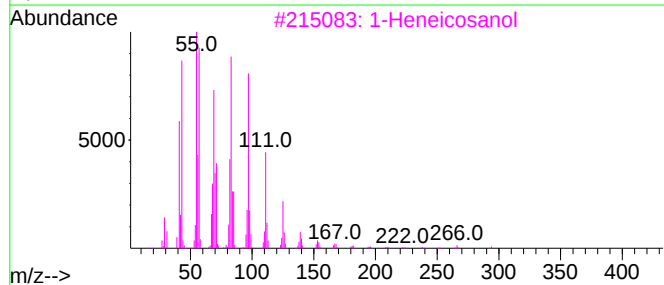
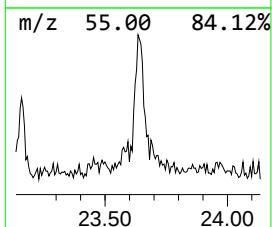
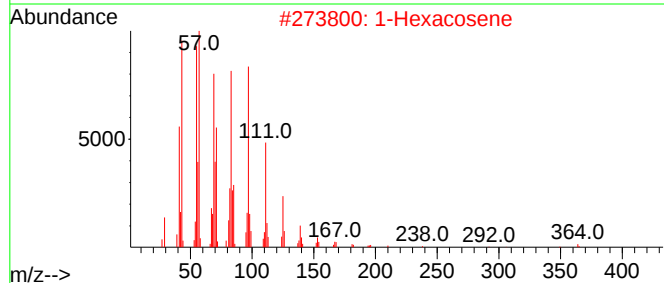
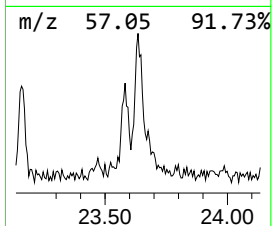
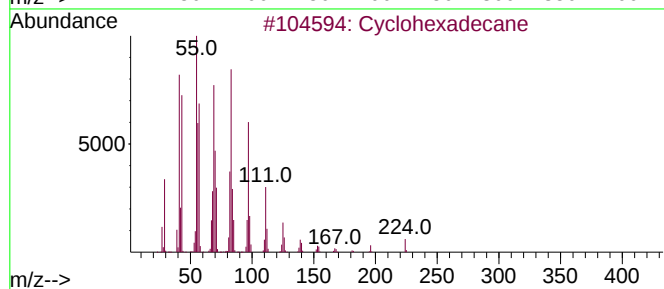
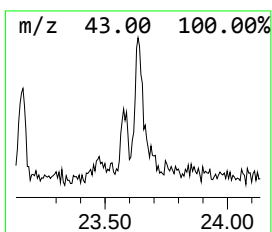
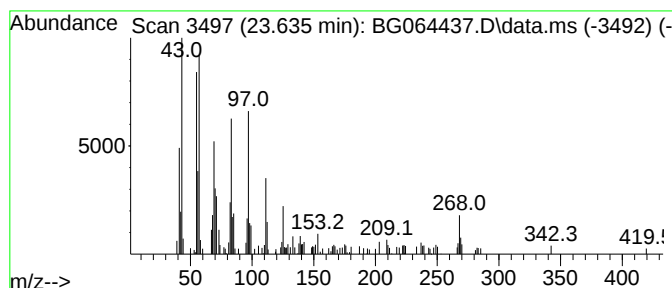
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.635	5.91 ng	130496	Perylene-d12	24.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	95
2		1-Hexacosene	364	C26H52	018835-33-1	91
3		1-Heneicosanol	312	C21H44O	015594-90-8	87
4		Z-5-Nonadecene	266	C19H38	1000131-11-8	81
5		1-Docosene	308	C22H44	001599-67-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064437.D
Acq On : 23 Sep 2025 13:18
Operator : RC/JU
Sample : Q3155-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

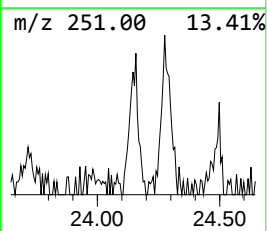
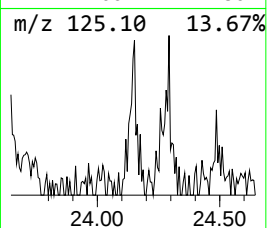
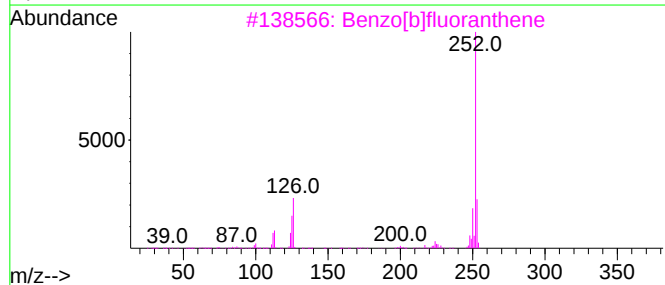
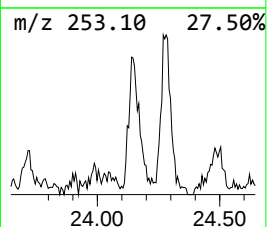
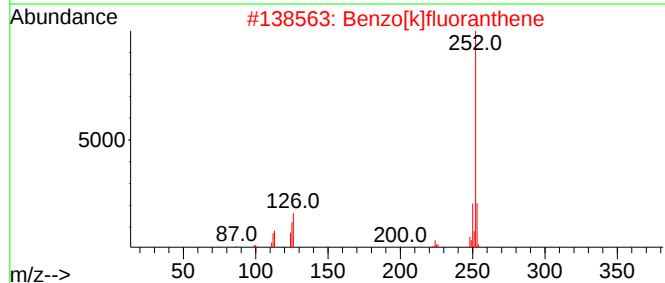
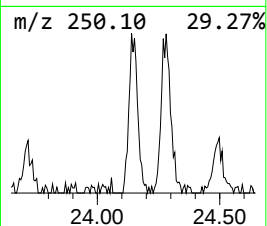
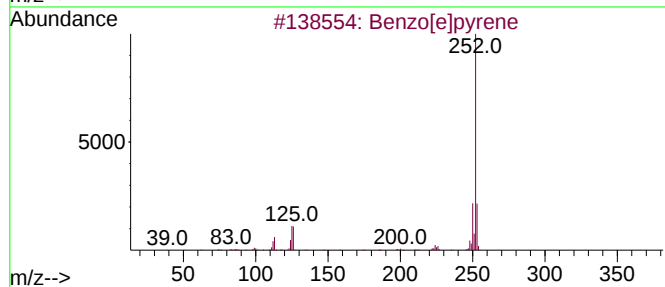
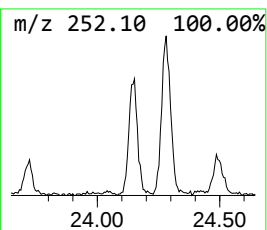
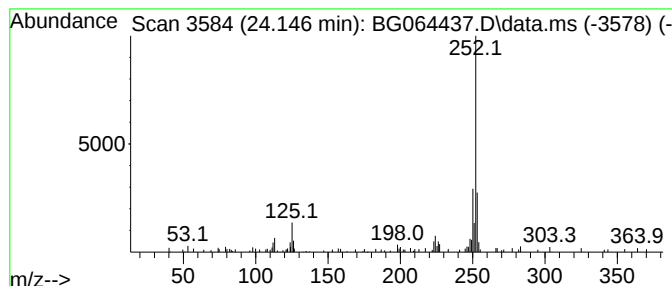
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.146	4.92 ng	108827	Perylene-d12	24.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	90
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4			Benzo[a]pyrene	252	C20H12	000050-32-8	81
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064437.D
Acq On : 23 Sep 2025 13:18
Operator : RC/JU
Sample : Q3155-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
Benzophenone	15.820	7.2	ng	96029	3	14.463	267612	20.0
n-Hexadecanoic ...	18.106	13.5	ng	255781	4	17.201	379895	20.0
n-Decanoic acid	19.375	3.0	ng	92473	5	21.431	610863	20.0
(6aR,12aR)-6a,1...	22.642	4.4	ng	133054	5	21.431	610863	20.0
2,6,10-Dodecatr...	23.018	3.2	ng	70917	6	24.428	441961	20.0
16-Heptadecenal	23.159	4.9	ng	107315	6	24.428	441961	20.0
Cyclohexadecane	23.635	5.9	ng	130496	6	24.428	441961	20.0
Benzo[e]pyrene	24.146	4.9	ng	108827	6	24.428	441961	20.0