

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
 Data File : BP026285.D
 Acq On : 10 Dec 2025 21:19
 Operator : RC/JU
 Sample : Q3826-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-15

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026285.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.819	314	320	329	rVB	499657	729293	11.46%	1.392%
2	5.272	391	397	409	rBV	1913582	2936219	46.14%	5.604%
3	6.837	653	663	682	rBV	1844696	2993535	47.04%	5.713%
4	7.649	793	801	811	rBV	678501	1108820	17.42%	2.116%
5	8.784	985	994	1008	rBV	1090198	1912900	30.06%	3.651%
6	10.407	1260	1270	1280	rBV	909829	1559871	24.51%	2.977%
7	12.884	1684	1691	1703	rBV	2649042	4199564	65.99%	8.015%
8	13.295	1756	1761	1767	rBV2	76604	124483	1.96%	0.238%
9	13.437	1779	1785	1788	rBV2	87374	137184	2.16%	0.262%
10	13.554	1797	1805	1809	rBV	739011	1093109	17.18%	2.086%
11	13.601	1809	1813	1820	rVB2	233261	368310	5.79%	0.703%
12	13.813	1843	1849	1859	rVB2	88187	142986	2.25%	0.273%
13	14.125	1897	1902	1909	rVV3	76458	163672	2.57%	0.312%
14	14.190	1909	1913	1919	rVB	62525	91565	1.44%	0.175%
15	14.284	1921	1929	1935	rBV	1415756	2139064	33.61%	4.082%
16	14.554	1969	1975	1982	rVB3	56236	110905	1.74%	0.212%
17	15.601	2148	2153	2160	rVB	756573	1072585	16.85%	2.047%
18	15.678	2160	2166	2174	rBV	300334	494597	7.77%	0.944%
19	15.807	2181	2188	2196	rBV	2405798	3742636	58.81%	7.143%
20	17.101	2402	2408	2412	rBV2	1981732	2594547	40.77%	4.952%
21	17.136	2412	2414	2420	rVB	274125	302009	4.75%	0.576%
22	17.225	2425	2429	2438	rVB	49782	92401	1.45%	0.176%
23	18.007	2555	2562	2564	rBV2	61608	123652	1.94%	0.236%
24	18.060	2564	2571	2582	rVV	883545	1542653	24.24%	2.944%
25	18.201	2591	2595	2600	rBV2	66041	89791	1.41%	0.171%
26	18.536	2644	2652	2654	rBV4	49110	117148	1.84%	0.224%
27	18.960	2721	2724	2730	rVB	52536	77410	1.22%	0.148%
28	19.048	2735	2739	2744	rVB2	121767	182760	2.87%	0.349%
29	19.236	2766	2771	2778	rBV	565070	961347	15.11%	1.835%
30	19.389	2792	2797	2810	rBV	1220815	2001074	31.44%	3.819%
31	19.613	2827	2835	2843	rBV	570574	849754	13.35%	1.622%
32	19.830	2866	2872	2884	rBV	4345491	6364248	100.00%	12.146%
33	20.136	2921	2924	2925	rBV2	59848	67322	1.06%	0.128%
34	20.183	2930	2932	2937	rVB	110959	119681	1.88%	0.228%
35	20.336	2955	2958	2965	rBV	311920	405172	6.37%	0.773%
36	20.519	2984	2989	2993	rBV	2624968	3302071	51.88%	6.302%

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ClientSampleId :
TP-15

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-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.554	2993	2995	3003	rVB2	394558	683231	10.74%	1.304%
38	21.142	3092	3095	3099	rVB4	161406	226511	3.56%	0.432%
39	21.224	3105	3109	3120	rVB5	307345	592435	9.31%	1.131%
40	21.536	3155	3162	3167	rBV	1978721	3371859	52.98%	6.435%
41	24.818	3712	3720	3732	rBV	1189221	3208875	50.42%	6.124%

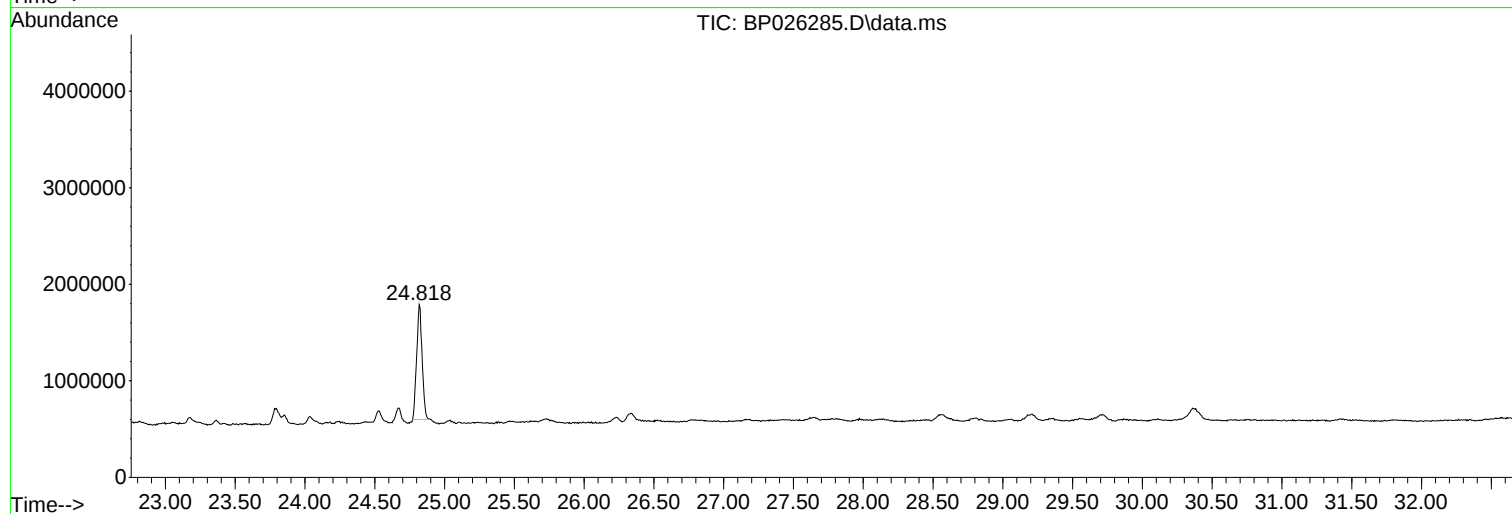
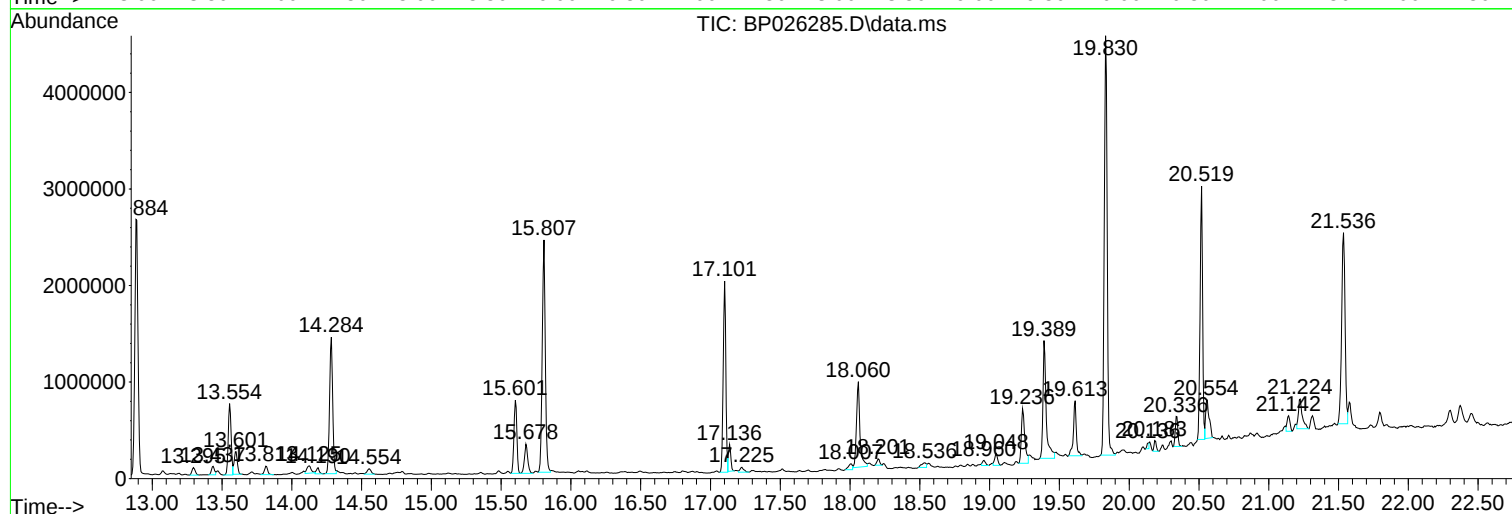
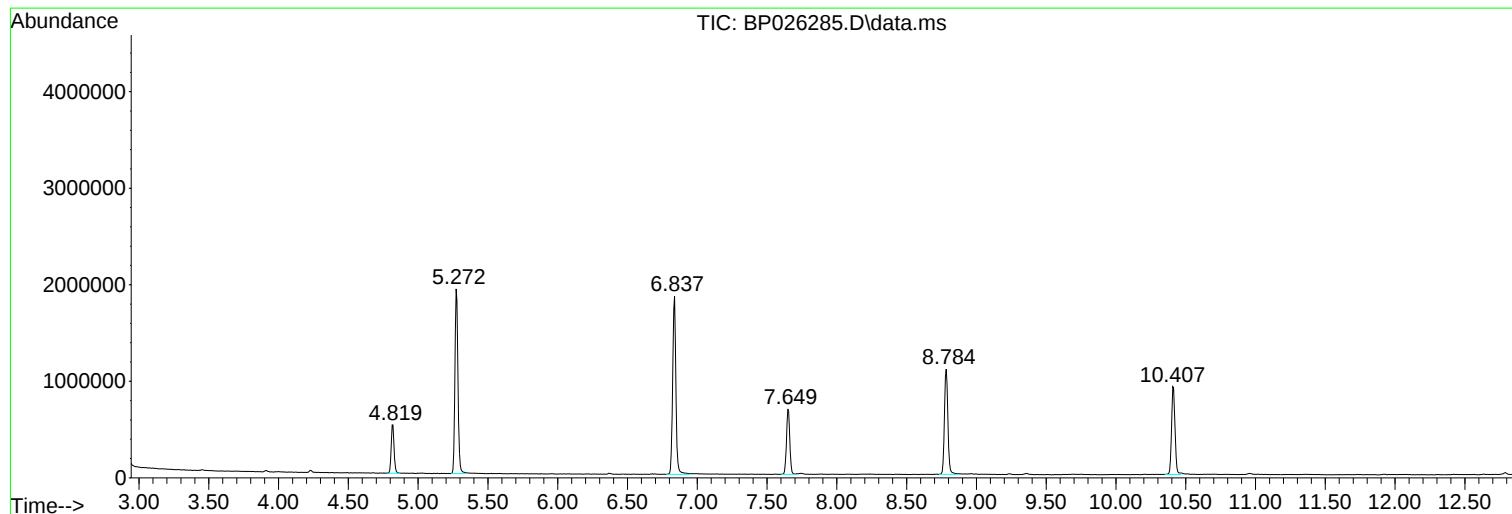
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 13 Sample Multiplier: 1

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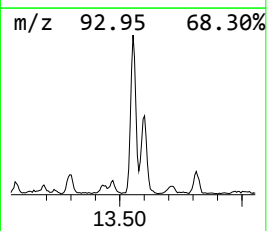
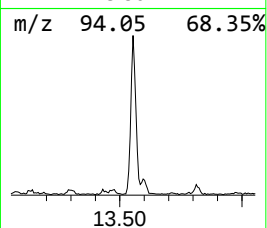
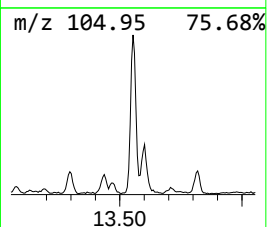
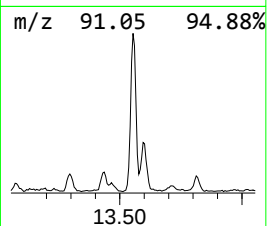
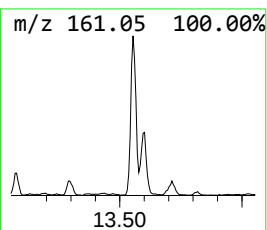
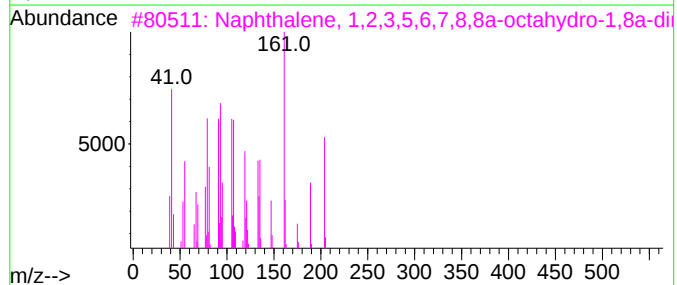
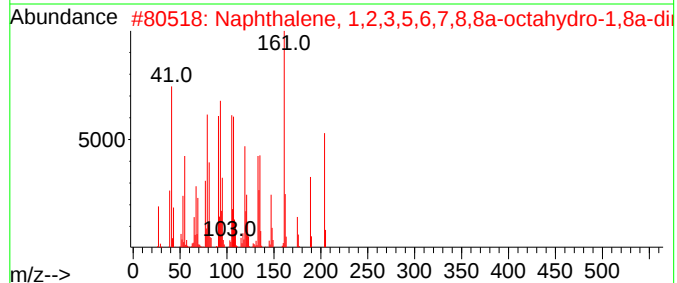
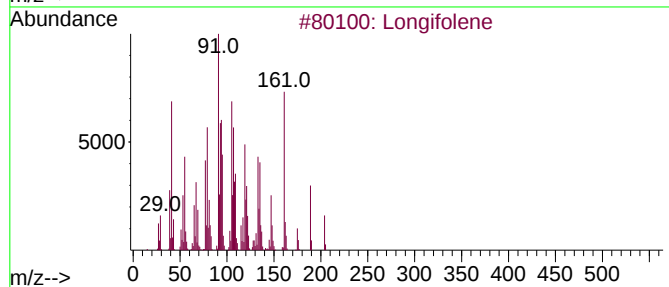
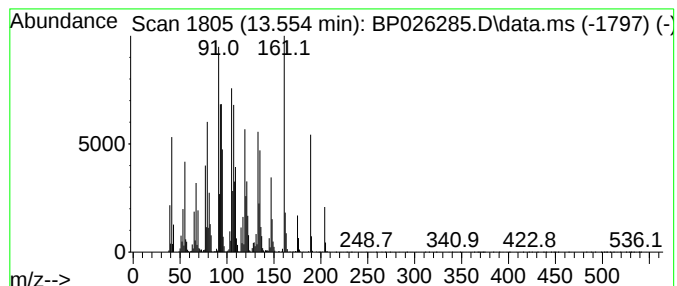
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Longifolene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.554	10.22 ng	1093110	Acenaphthene-d10	14.284

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	92
3			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	92
4			(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	90
5			Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	86



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Sample : Q3826-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

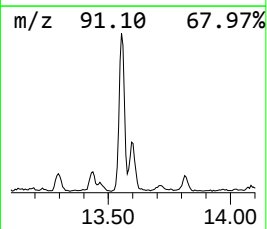
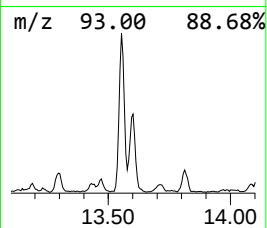
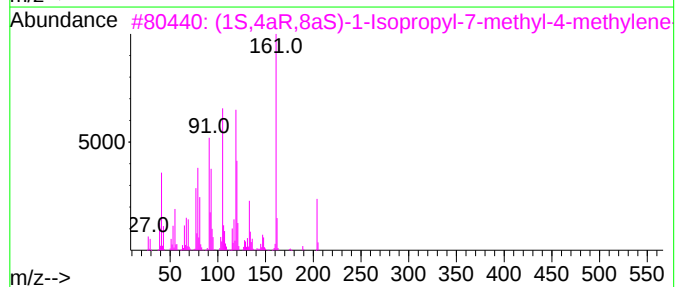
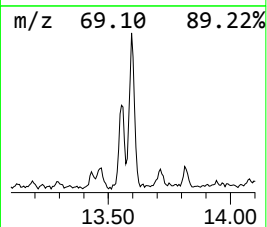
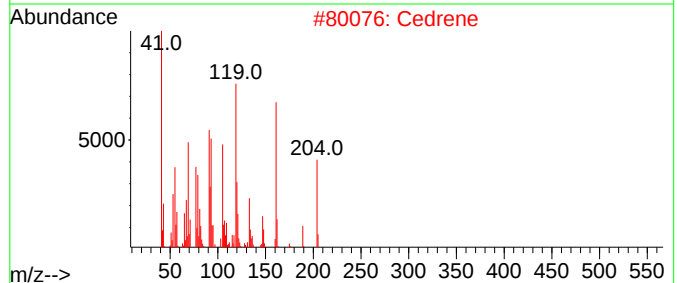
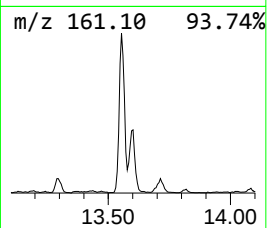
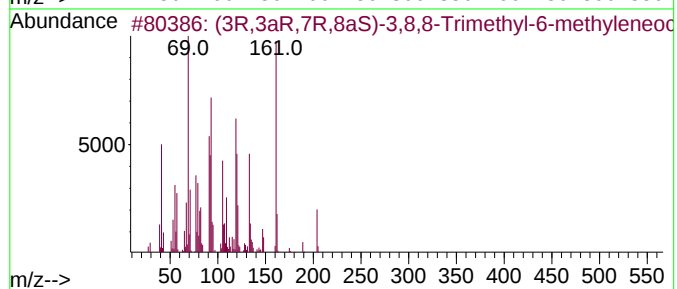
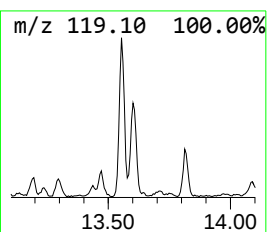
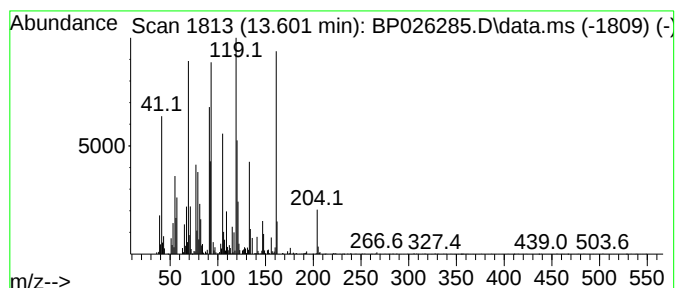
Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (3R,3aR,7R,8aS)-3,8,8-Trime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.601	3.44 ng	368310	Acenaphthene-d10	14.284	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3R,3aR,7R,8aS)-3,8,8-Trimethyl-...	204	C15H24	079120-98-2	92
2	Cedrene	204	C15H24	011028-42-5	64
3	(1S,4aR,8aS)-1-Isopropyl-7-methy...	204	C15H24	006980-46-7	46
4	(1S,4S,4aS)-1-Isopropyl-4,7-dime...	204	C15H24	267665-20-3	44
5	s-Triazolo[4,3-a]pyridine, 3,5,7...	161	C9H11N3	004919-15-7	43



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Misc :
ALS Vial : 13 Sample Multiplier: 1

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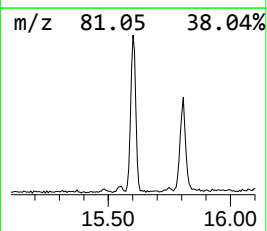
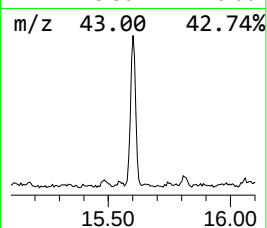
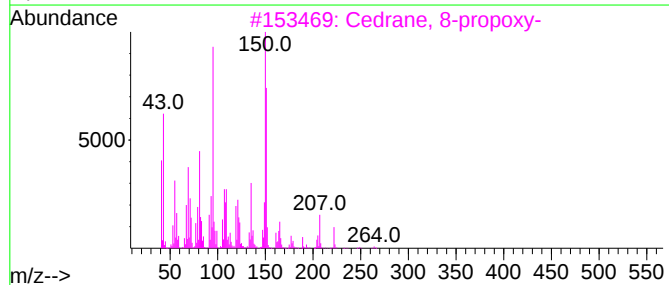
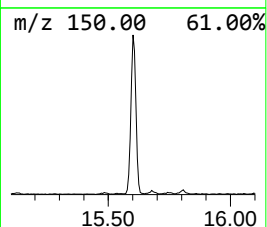
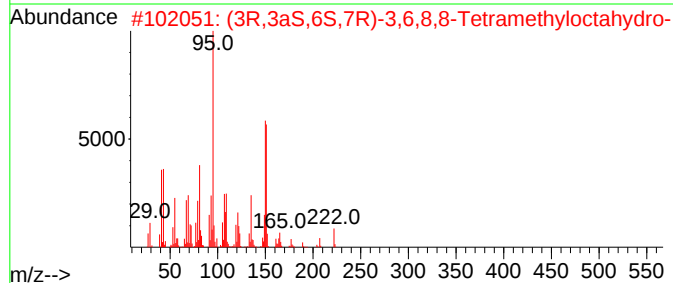
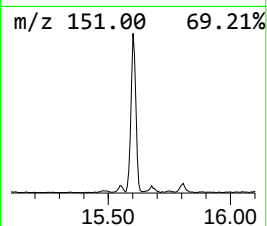
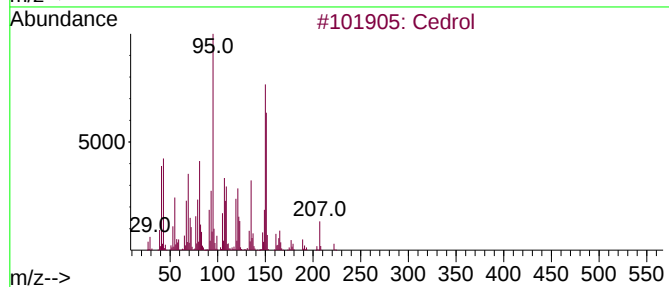
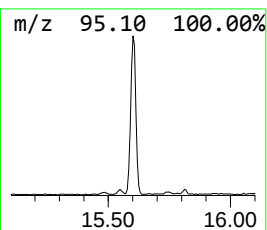
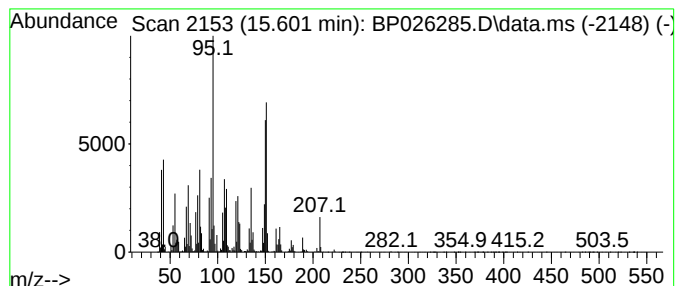
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cedrol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.601	10.03 ng	1072590	Acenaphthene-d10	14.284

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cedrol	222	C15H26O	000077-53-2	91
2			(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	90
3			Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	83
4			Piperonylamine	151	C8H9NO2	002620-50-0	38
5			Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	38



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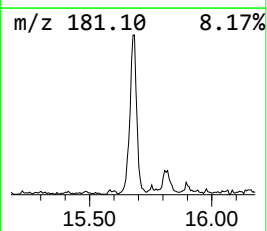
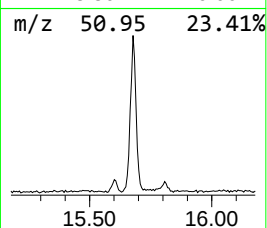
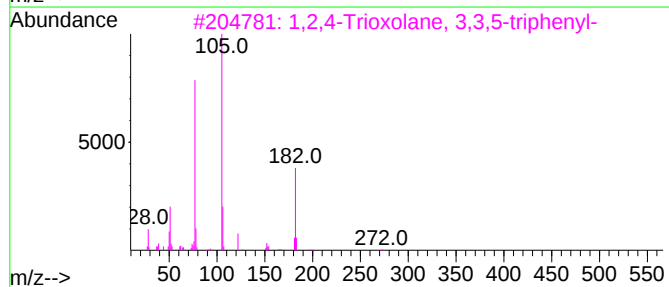
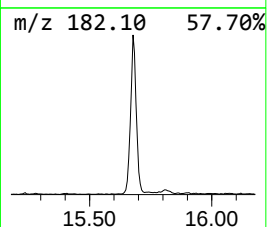
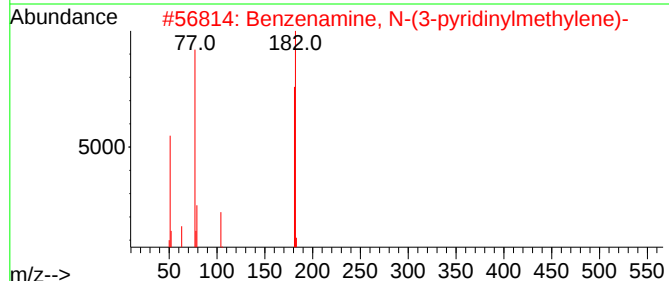
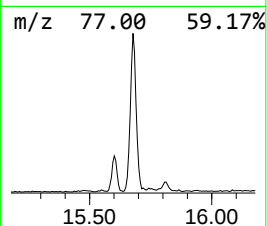
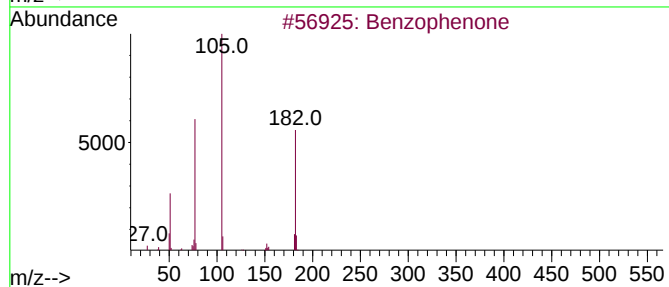
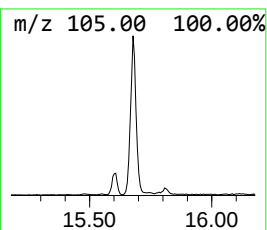
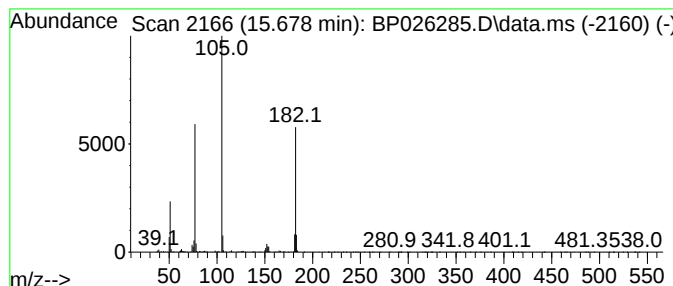
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.678	4.62 ng	494597	Acenaphthene-d10	14.284

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
3			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
4			Azobenzene	182	C12H10N2	000103-33-3	40
5			1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	38



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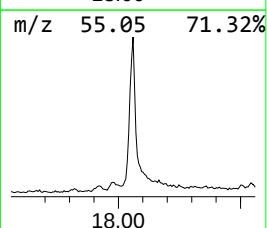
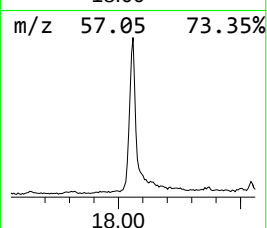
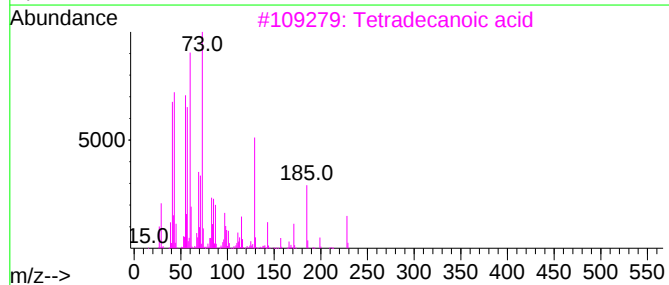
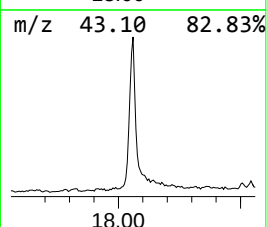
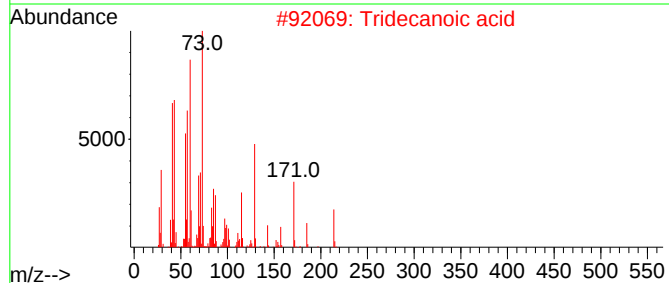
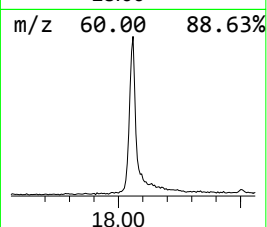
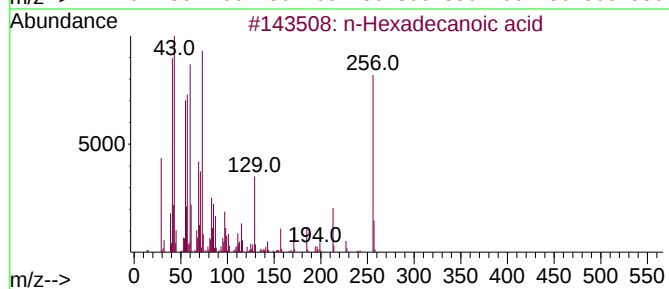
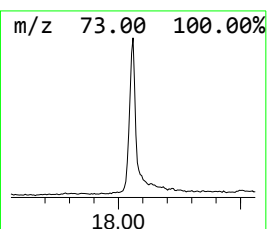
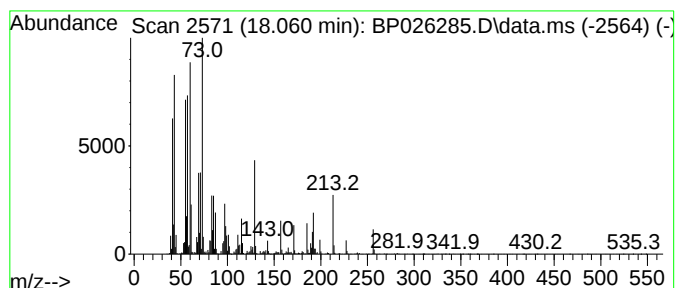
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BNA_P
ClientSampleId :
TP-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
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.	
18.060	11.89 ng	1542650	Phenanthrene-d10	17.101	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026285.D
Acq On : 10 Dec 2025 21:19
Operator : RC/JU
Sample : Q3826-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-15

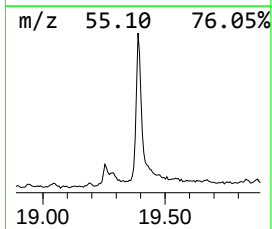
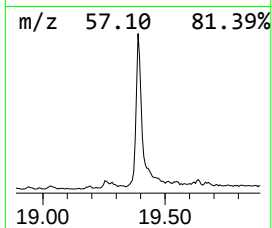
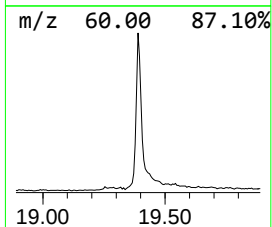
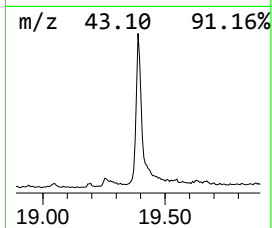
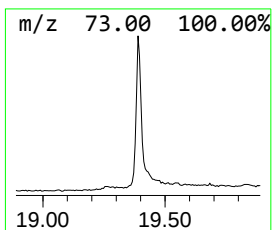
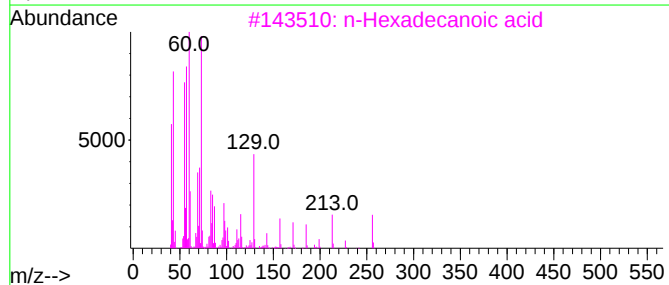
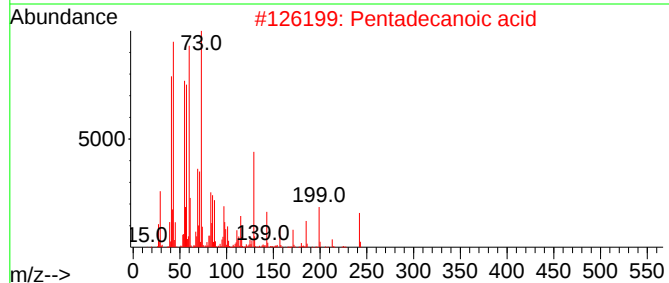
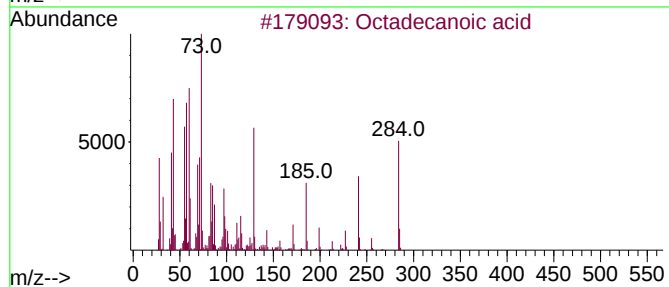
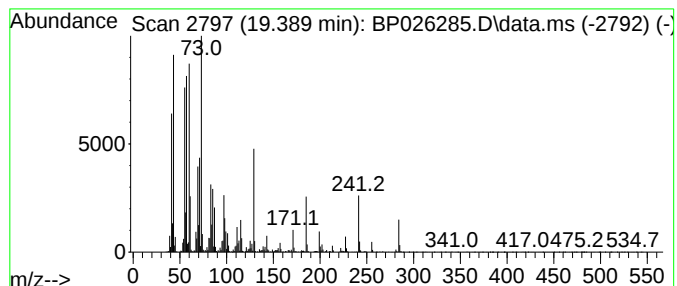
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.389	11.87 ng	2001070	Chrysene-d12	21.536

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026285.D
Acq On : 10 Dec 2025 21:19
Operator : RC/JU
Sample : Q3826-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-15

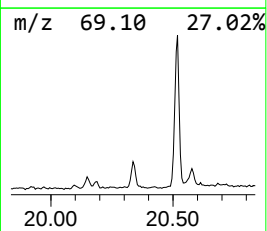
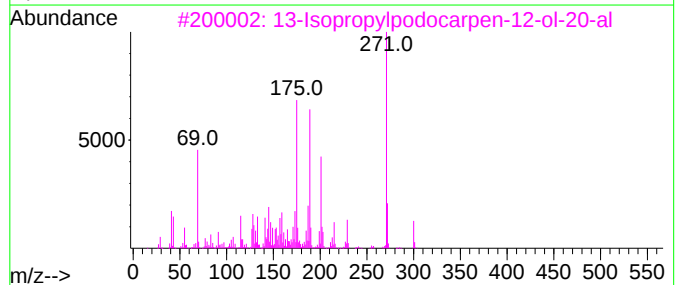
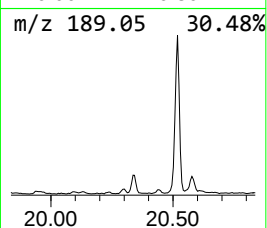
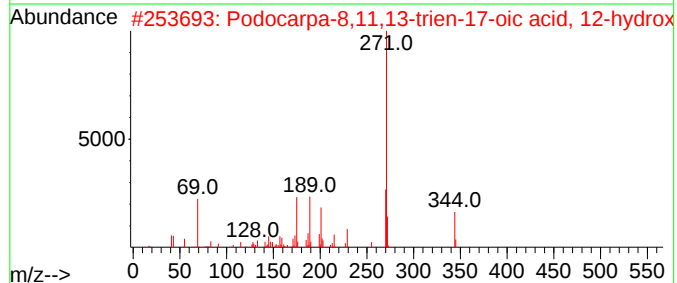
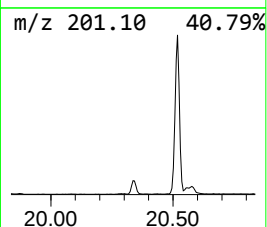
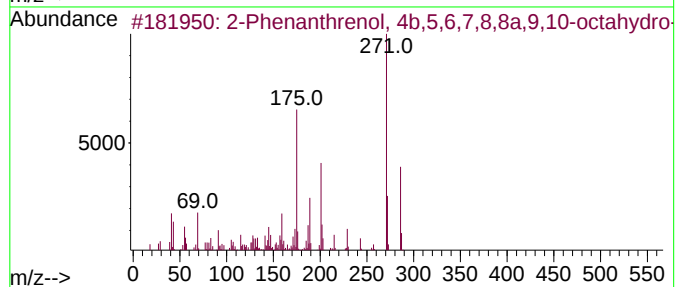
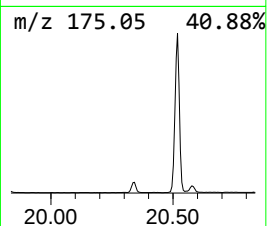
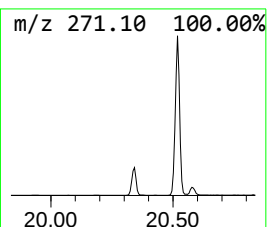
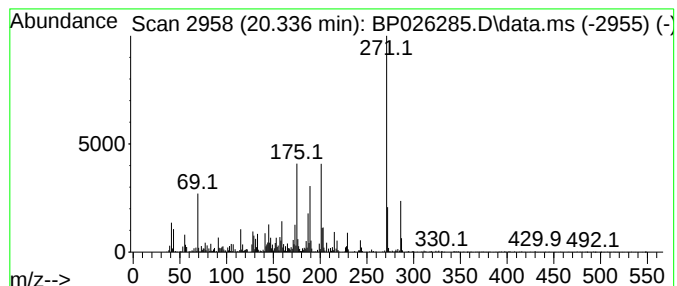
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.336	2.40 ng	405172	Chrysene-d12	21.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	91
2		Podocarpa-8,11,13-trien-17-oic a...	344	C22H32O3	024067-43-4	50
3		13-Isopropylpodocarpene-12-ol-20-al	300	C20H28O2	024035-37-8	46
4		Silane, methylvinyl(3,3-dimethyl...	372	C19H40O3Si2	1000421-66-5	43
5		(4Br,8As)-(+)-4B,5,6,7,8,8A,9,10...	346	C22H34O3	1000426-72-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026285.D
Acq On : 10 Dec 2025 21:19
Operator : RC/JU
Sample : Q3826-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

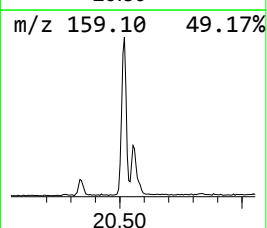
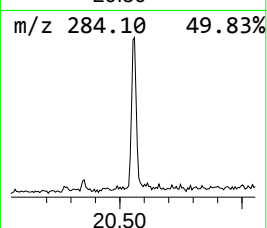
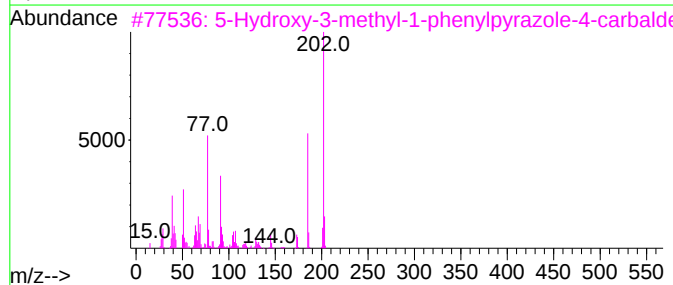
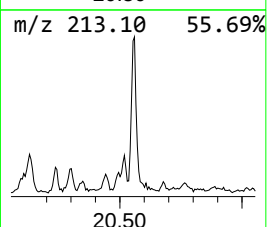
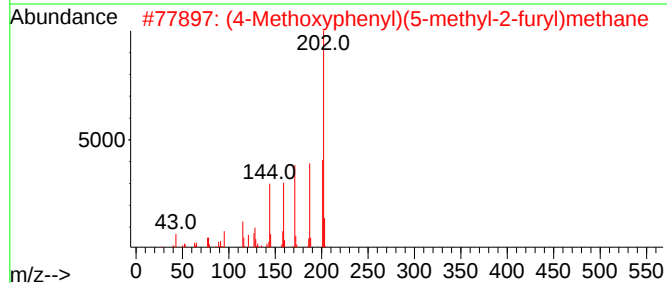
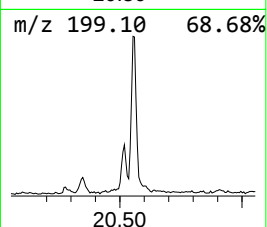
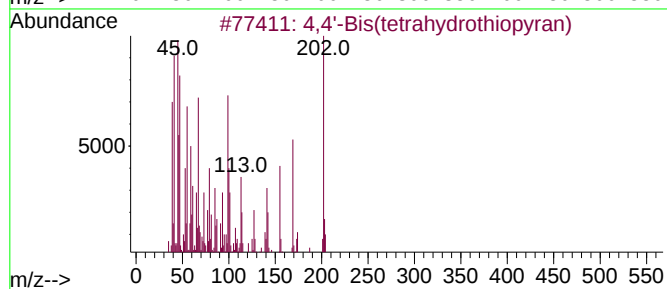
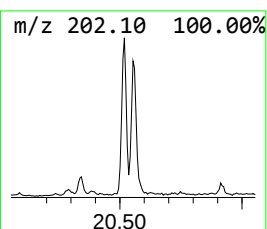
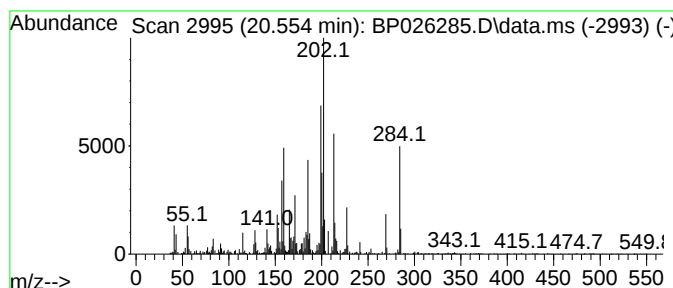
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.554	4.05 ng	683231	Chrysene-d12	21.536	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	(4-Methoxyphenyl)(5-methyl-2-fur...	202	C13H14O2	1000440-64-7	35
3	5-Hydroxy-3-methyl-1-phenylpyraz...	202	C11H10N2O2	060484-29-9	30
4	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	25
5	1,4-Naphthoquinone, 5-ethoxy-	202	C12H10O3	022924-19-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026285.D
Acq On : 10 Dec 2025 21:19
Operator : RC/JU
Sample : Q3826-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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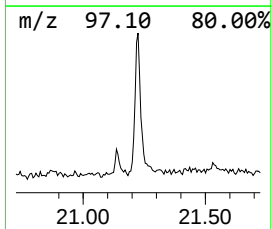
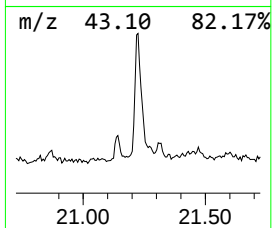
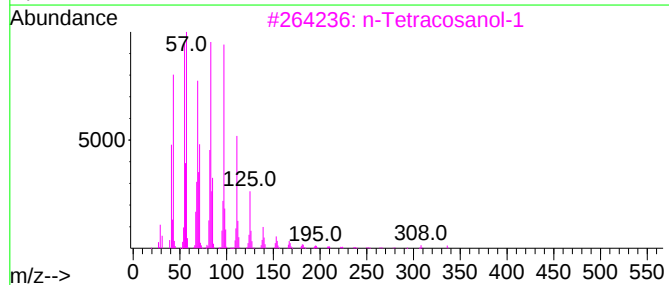
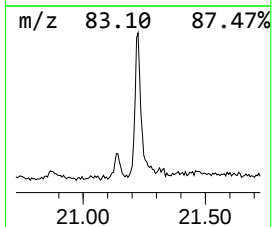
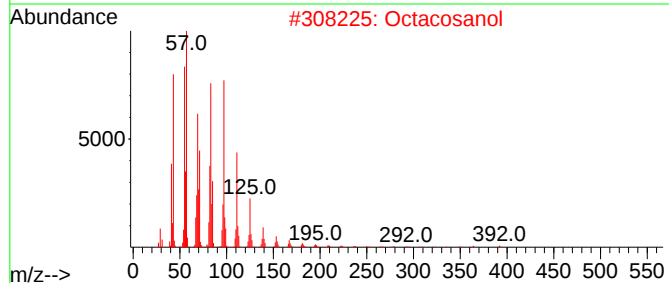
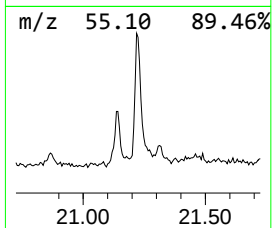
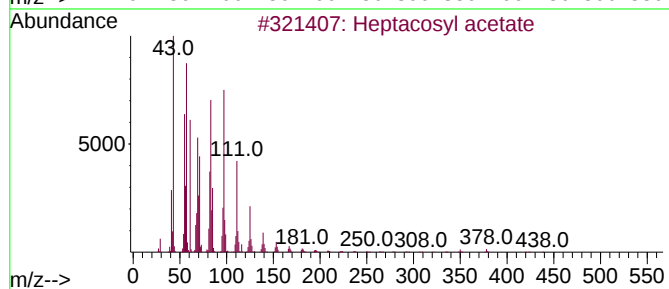
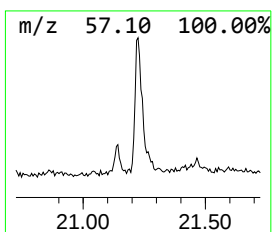
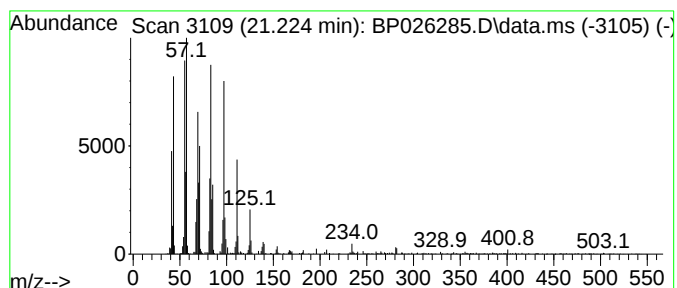
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosyl acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.224	3.51 ng	592435	Chrysene-d12	21.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
2		Octacosanol	410	C28H58O	000557-61-9	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Triacetyl acetate	480	C32H64O2	041755-58-2	93
5		1-Tetracosene	336	C24H48	010192-32-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026285.D
Acq On : 10 Dec 2025 21:19
Operator : RC/JU
Sample : Q3826-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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
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(3R,3aR,7R,8aS)...	13.601	3.4	ng	368310	3	14.284	2139060	20.0
Cedrol	15.601	10.0	ng	1072590	3	14.284	2139060	20.0
Benzophenone	15.678	4.6	ng	494597	3	14.284	2139060	20.0
n-Hexadecanoic ...	18.060	11.9	ng	1542650	4	17.101	2594550	20.0
Octadecanoic acid	19.389	11.9	ng	2001070	5	21.536	3371860	20.0
2-Phenanthrenol...	20.336	2.4	ng	405172	5	21.536	3371860	20.0
4,4'-Bis(tetrahydro...	20.554	4.0	ng	683231	5	21.536	3371860	20.0
Heptacosyl acetate	21.224	3.5	ng	592435	5	21.536	3371860	20.0