

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026316.D
 Acq On : 12 Dec 2025 19:07
 Operator : RC/JU
 Sample : Q3839-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COAN5

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: BP026316.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.814	314	319	329	rBV	483305	743035	5.49%	0.667%
2	5.278	391	398	407	rBV	1996300	3250518	24.01%	2.918%
3	6.837	653	663	677	rBV	2045925	3358151	24.80%	3.015%
4	7.649	793	801	808	rBV	775370	1212015	8.95%	1.088%
5	8.408	923	930	937	rBV	75816	138836	1.03%	0.125%
6	8.784	988	994	1005	rVB	1187644	2150645	15.88%	1.931%
7	9.760	1152	1160	1167	rBV	157958	288207	2.13%	0.259%
8	10.413	1263	1271	1277	rBV	1093344	1844334	13.62%	1.656%
9	11.237	1402	1411	1421	rBV2	91356	184460	1.36%	0.166%
10	12.519	1622	1629	1631	rBV	140168	214002	1.58%	0.192%
11	12.549	1631	1634	1640	rVB	144912	228662	1.69%	0.205%
12	12.884	1684	1691	1704	rBV	3574494	5398734	39.87%	4.846%
13	13.178	1736	1741	1749	rBV	128468	231171	1.71%	0.208%
14	14.266	1919	1926	1933	rVV	1831259	2752286	20.33%	2.471%
15	14.348	1933	1940	1947	rVB2	152787	344289	2.54%	0.309%
16	14.507	1963	1967	1971	rBV2	246382	330036	2.44%	0.296%
17	14.572	1974	1978	1980	rVV	157483	237958	1.76%	0.214%
18	14.601	1980	1983	1990	rVB	223116	319842	2.36%	0.287%
19	14.819	2016	2020	2024	rBV	113810	153980	1.14%	0.138%
20	15.160	2074	2078	2084	rVB	114962	170484	1.26%	0.153%
21	15.225	2084	2089	2100	rBV4	103180	218991	1.62%	0.197%
22	15.631	2153	2158	2159	rVV	179917	242696	1.79%	0.218%
23	15.654	2159	2162	2171	rVB	588692	950386	7.02%	0.853%
24	15.743	2171	2177	2181	rBV	1238844	1951322	14.41%	1.752%
25	15.790	2181	2185	2194	rVV	3631441	5145635	38.00%	4.619%
26	16.042	2223	2228	2231	rBV2	281673	450010	3.32%	0.404%
27	16.078	2232	2234	2243	rVB3	163699	288522	2.13%	0.259%
28	16.695	2335	2339	2343	rBV3	142070	237208	1.75%	0.213%
29	16.860	2364	2367	2371	rVV	250804	272885	2.02%	0.245%
30	16.913	2372	2376	2385	rVB	243141	417525	3.08%	0.375%
31	17.078	2398	2404	2410	rBV	2390989	3549328	26.21%	3.186%
32	17.237	2428	2431	2435	rBV	293723	376934	2.78%	0.338%
33	17.542	2480	2483	2487	rVB	110018	142205	1.05%	0.128%
34	17.619	2493	2496	2500	rVB	271318	305961	2.26%	0.275%
35	17.672	2502	2505	2509	rVB	121261	155524	1.15%	0.140%
36	18.037	2561	2567	2575	rBV	2597779	3937917	29.08%	3.535%

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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
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37	18.342	2616	2619	2622	rBV	395100	615696	4.55%	0.553%
38	18.842	2700	2704	2710	rBV	331054	633057	4.68%	0.568%
39	19.013	2729	2733	2737	rBV	518505	708874	5.24%	0.636%
40	19.289	2777	2780	2789	rVB	1472642	2285690	16.88%	2.052%
41	19.378	2791	2795	2799	rVV	1057927	1579109	11.66%	1.418%
42	19.419	2799	2802	2807	rVB	710979	1080417	7.98%	0.970%
43	19.825	2865	2871	2879	rBV	6022290	8877347	65.57%	7.969%
44	21.207	3104	3106	3114	rVB2	1456008	2571319	18.99%	2.308%
45	21.536	3158	3162	3169	rVB2	2690146	4218080	31.15%	3.787%
46	22.448	3314	3317	3325	rVB	1375863	2371613	17.52%	2.129%
47	24.830	3716	3722	3731	rVB	1947535	4756663	35.13%	4.270%
48	28.812	4392	4399	4410	rVB5	673769	2411927	17.81%	2.165%
49	30.377	4652	4665	4666	rBV	4398007	10564096	78.02%	9.483%
50	30.665	4704	4714	4730	rVB2	2933266	13539464	100.00%	12.154%
51	31.230	4799	4810	4829	rVB6	2146996	12989670	95.94%	11.661%

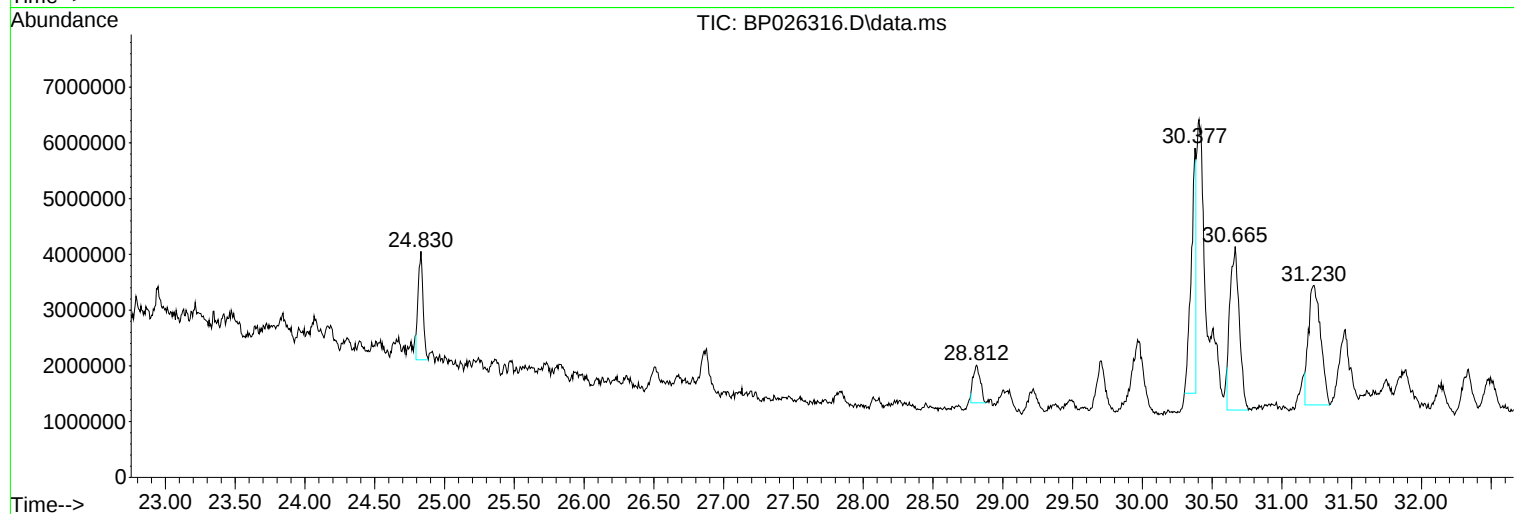
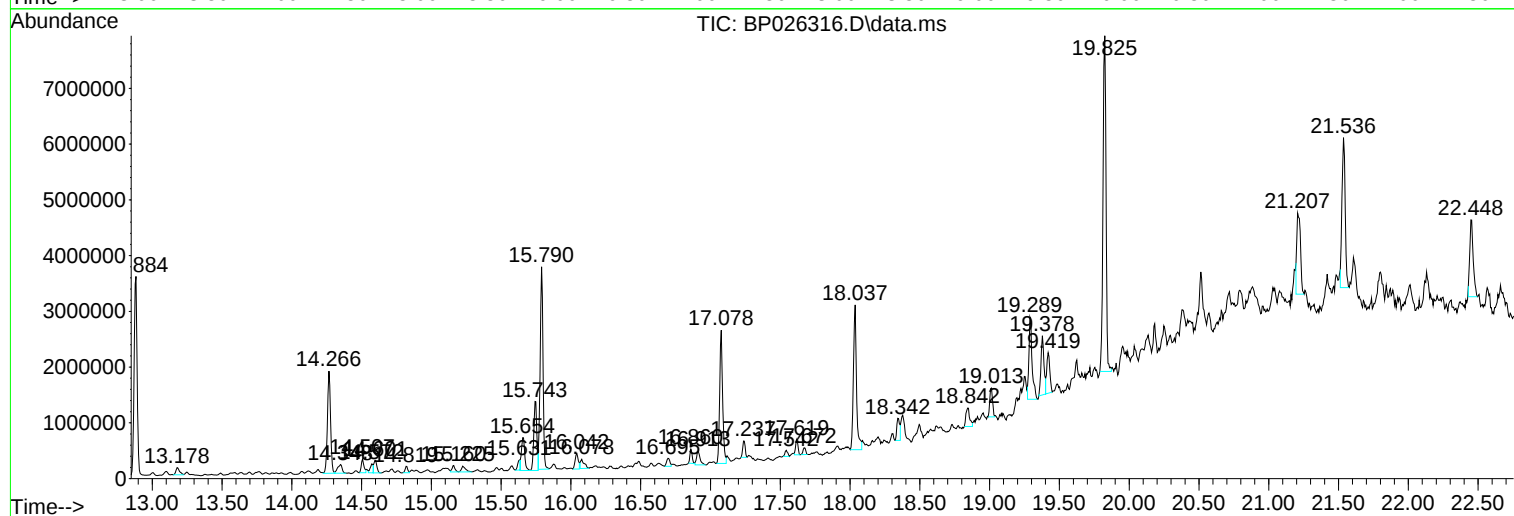
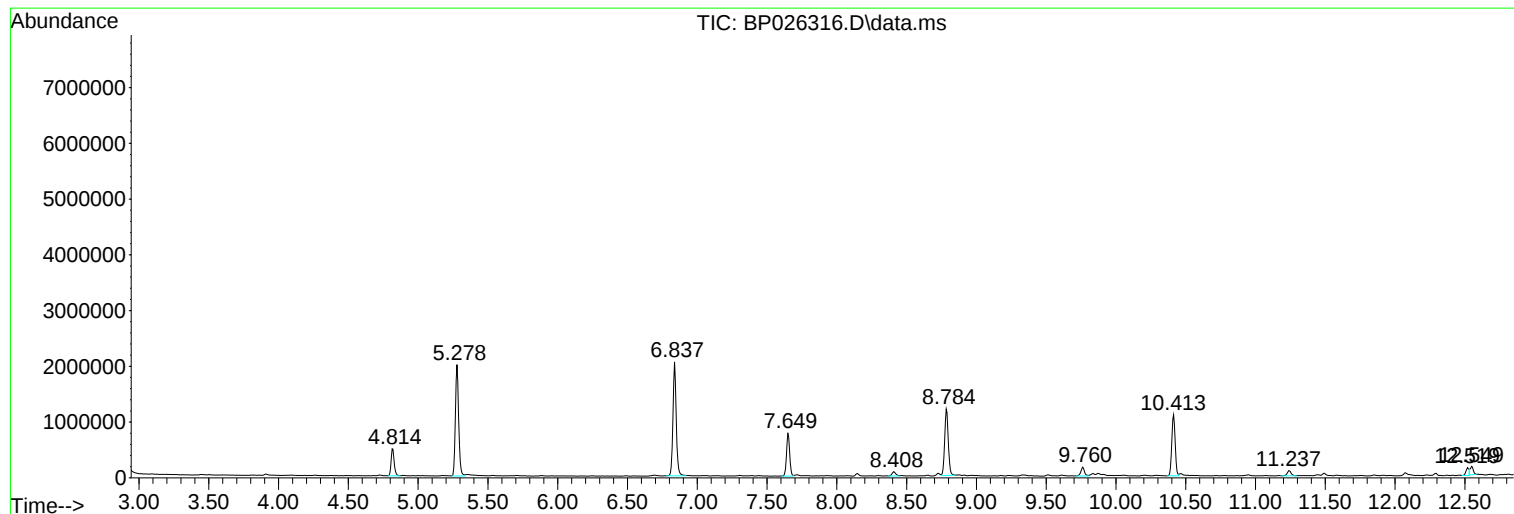
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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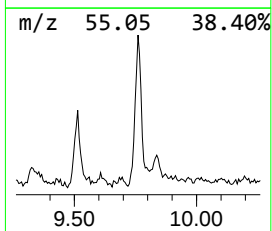
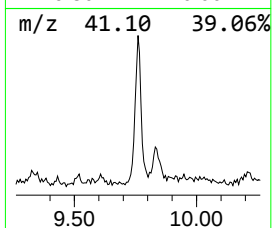
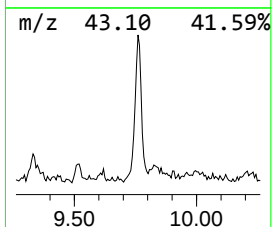
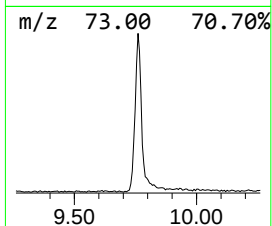
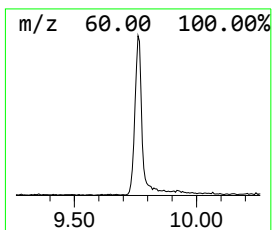
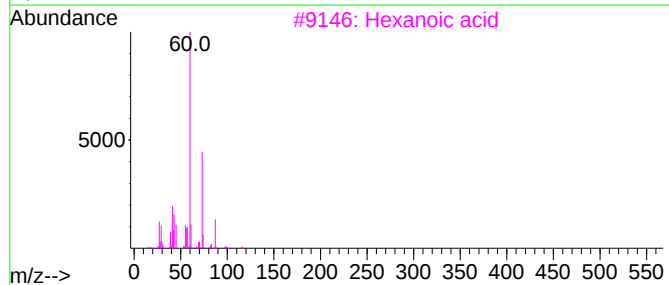
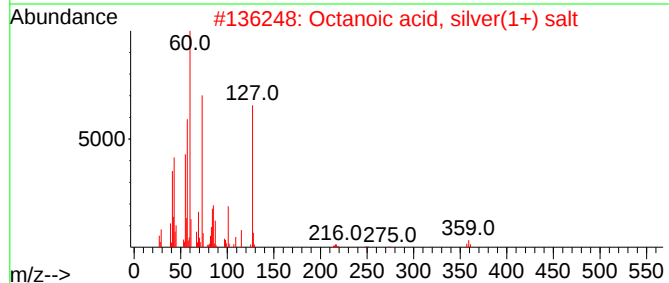
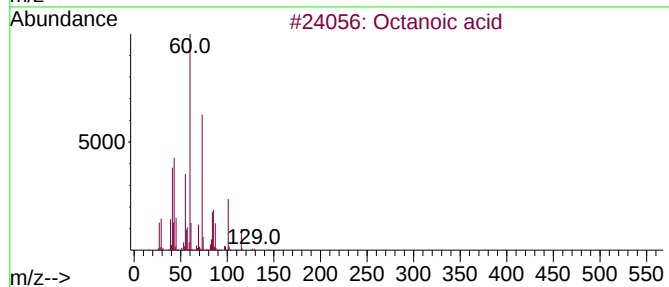
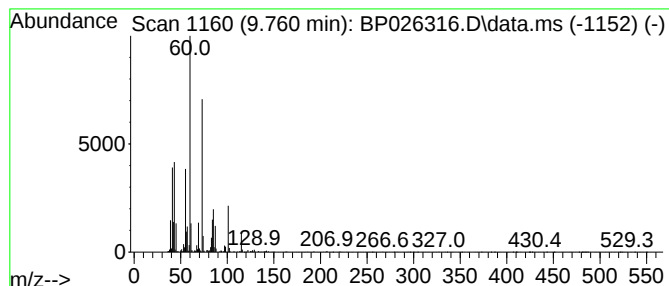
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.760	3.13 ng	288207	Naphthalene-d8	10.413

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid	144	C8H16O2	000124-07-2	97
2			Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	83
3			Hexanoic acid	116	C6H12O2	000142-62-1	58
4			Nonanoic acid	158	C9H18O2	000112-05-0	53
5			Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	47



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ALS Vial : 14 Sample Multiplier: 1

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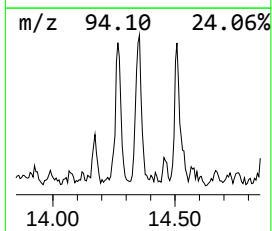
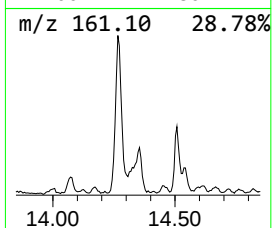
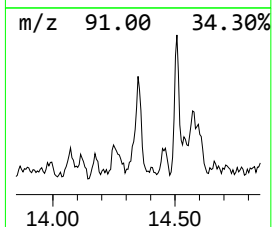
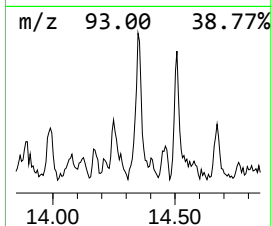
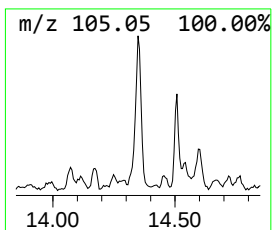
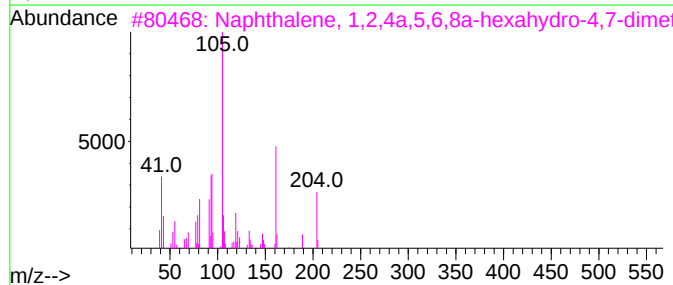
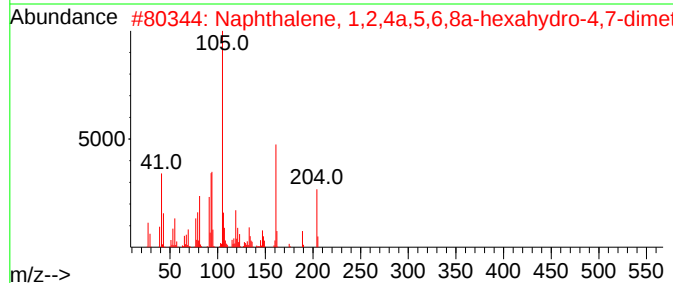
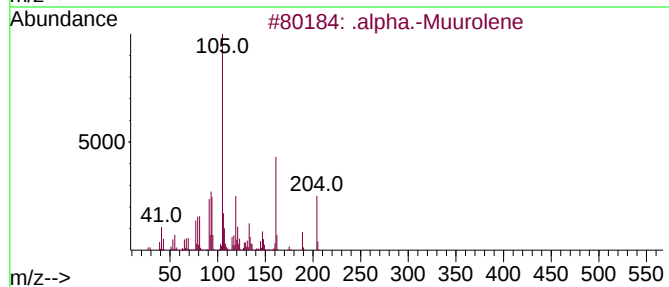
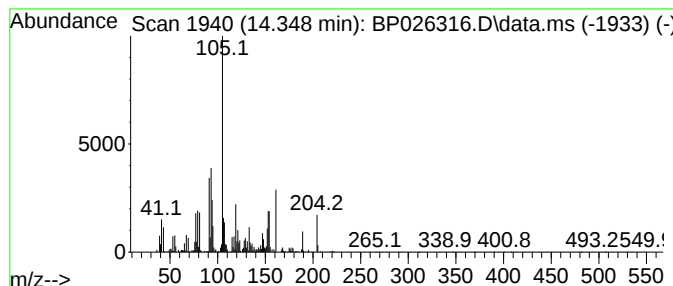
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Muurolene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.349	2.50 ng	344289	Acenaphthene-d10	14.266

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Muurolene	204	C15H24	010208-80-7	95
2			Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	90
3			Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	90
4			1,2,4-Metheno-1H-indene, octahyd...	204	C15H24	022469-52-9	78
5			Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	74



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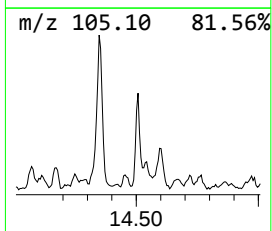
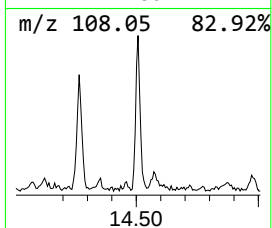
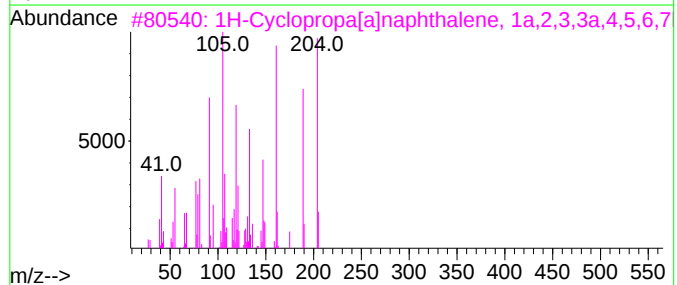
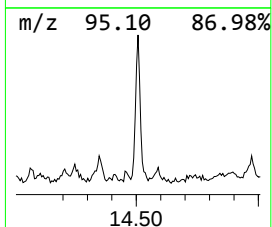
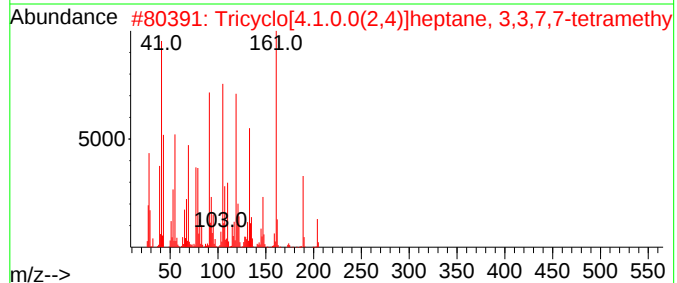
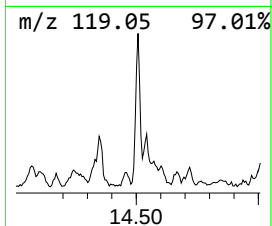
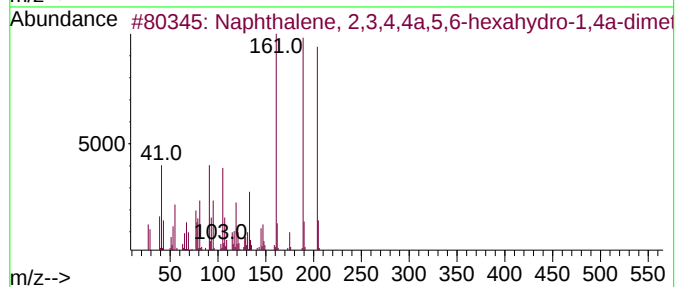
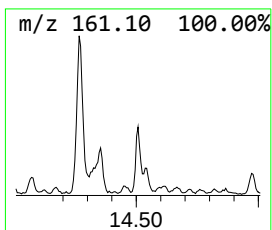
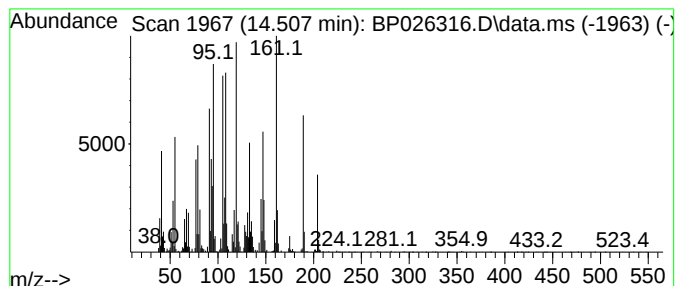
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3,4,4a,5,6-h... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.507	2.40 ng	330036	Acenaphthene-d10	14.266

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	90
2			Tricyclo[4.1.0.0(2,4)]heptane, 3...	204	C15H24	056348-21-1	78
3			1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	78
4			isolekene	204	C15H24	095910-36-4	64
5			(1S,4aR,8aS)-1-Isopropyl-7-methy...	204	C15H24	006980-46-7	60



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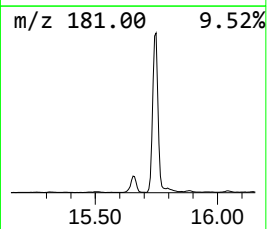
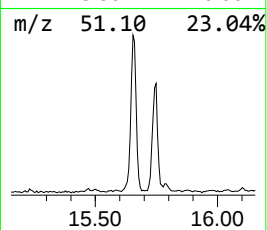
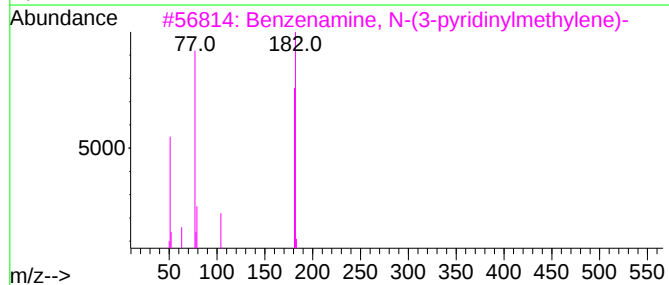
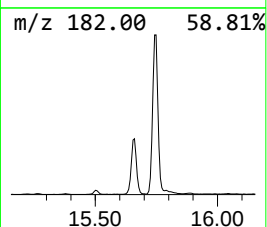
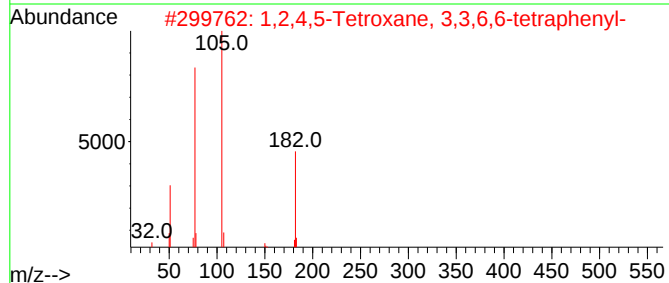
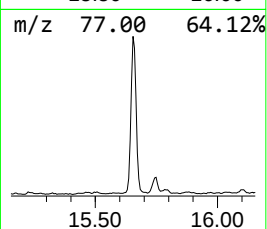
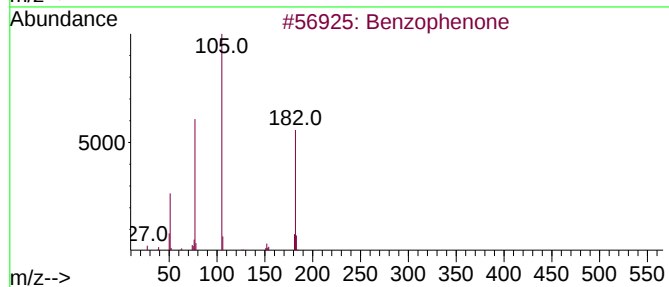
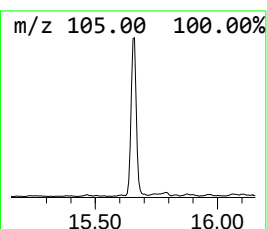
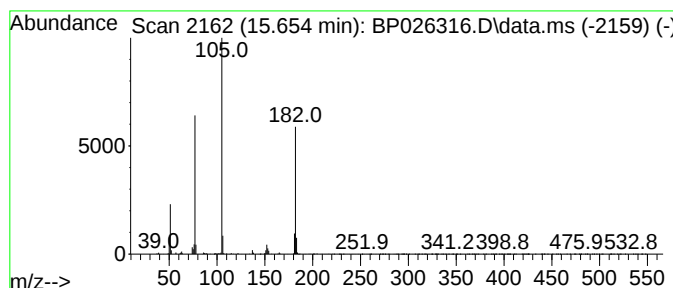
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.654	6.91 ng	950386	Acenaphthene-d10	14.266

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
4			Azobenzene	182	C12H10N2	000103-33-3	37
5			1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	36



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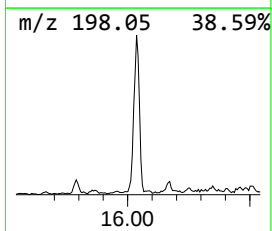
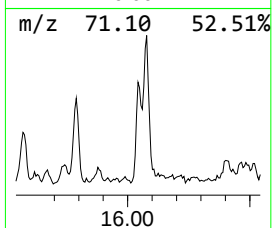
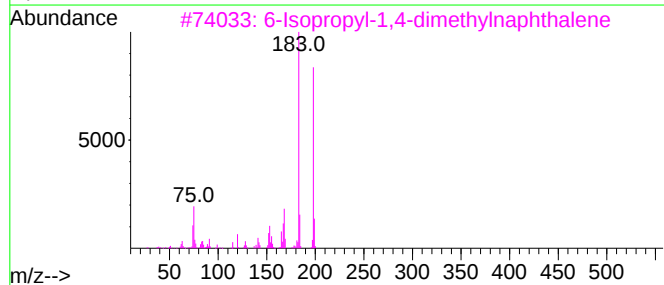
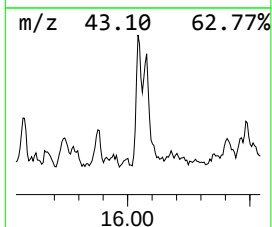
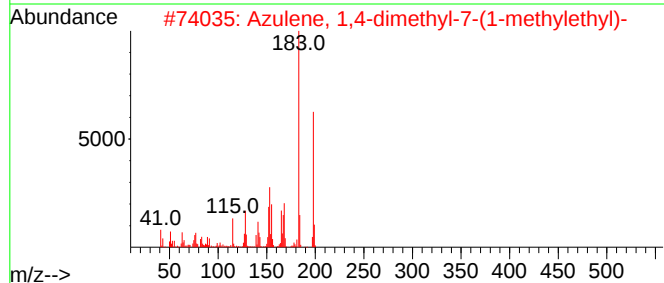
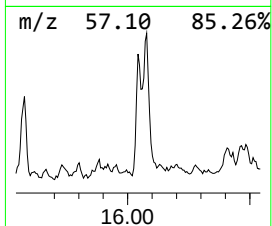
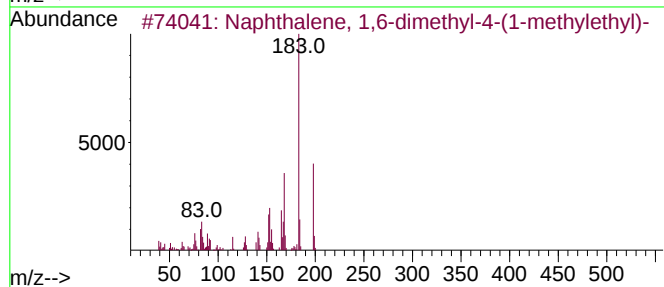
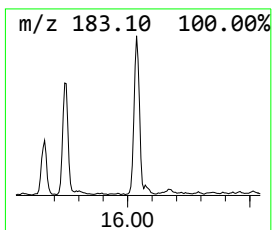
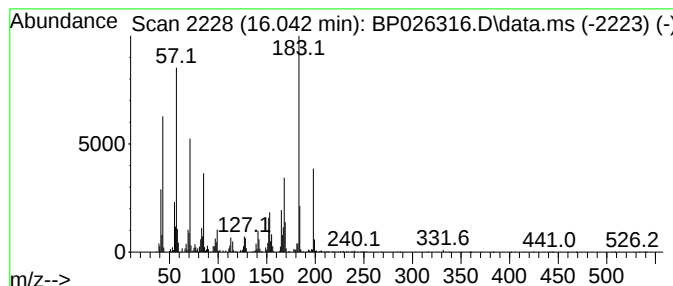
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl-4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.043	2.54 ng	450010	Phenanthrene-d10	17.078	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	98
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	83
3	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	52
4	Benzenemethanol, .alpha.-methyl-...	198	C14H14O	000599-67-7	46
5	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026316.D
Acq On : 12 Dec 2025 19:07
Operator : RC/JU
Sample : Q3839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

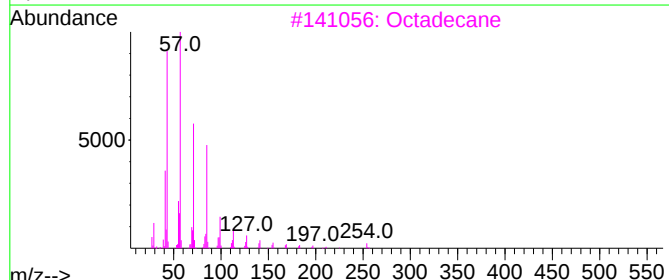
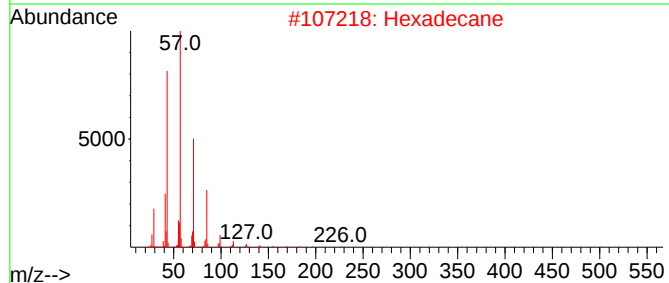
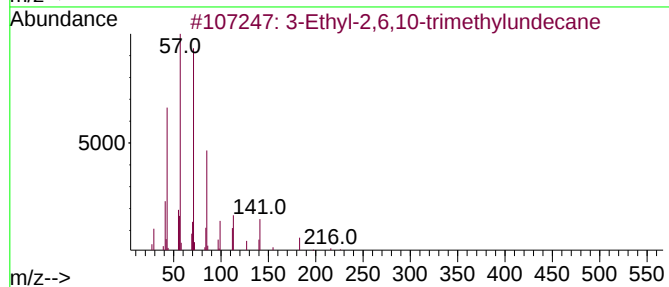
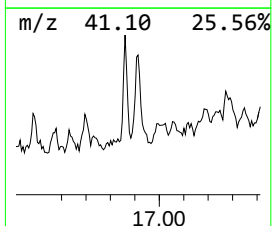
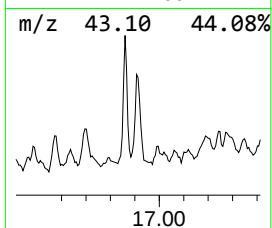
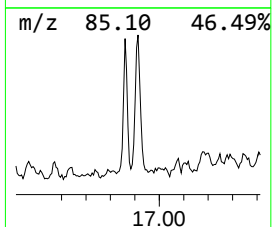
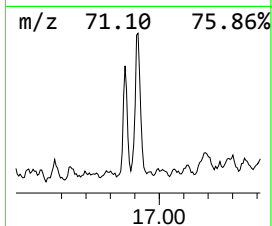
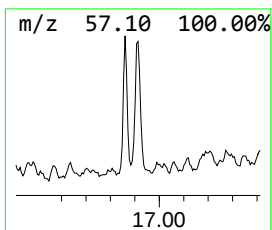
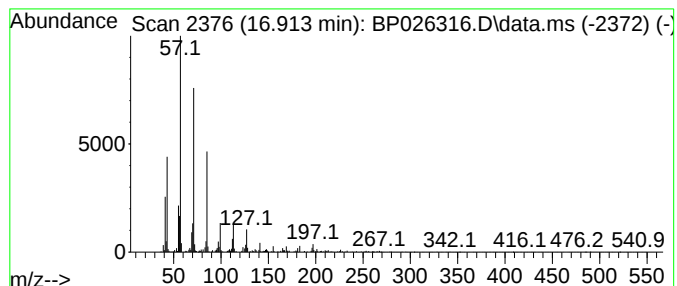
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3-Ethyl-2,6,10-trimethylund... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.913	2.35 ng	417525	Phenanthrene-d10	17.078	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026316.D
Acq On : 12 Dec 2025 19:07
Operator : RC/JU
Sample : Q3839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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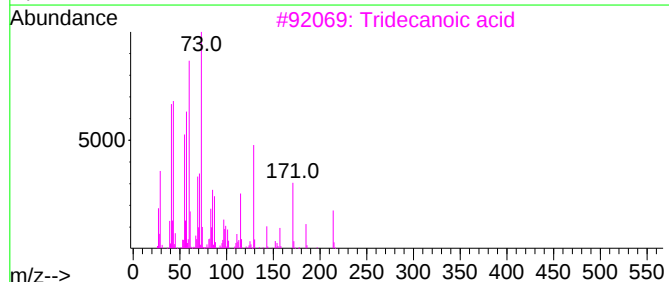
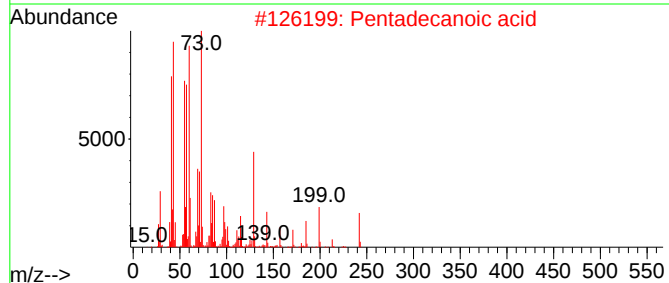
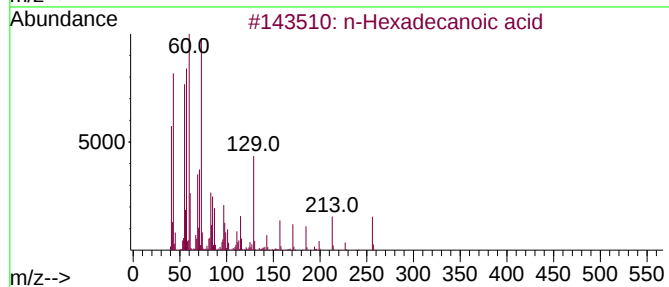
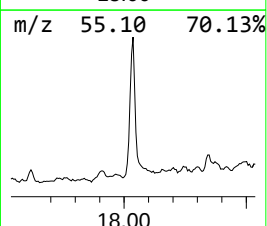
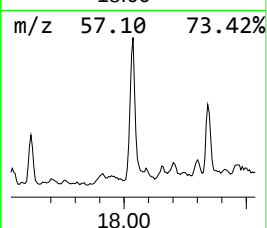
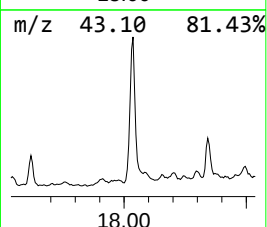
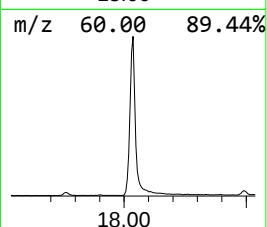
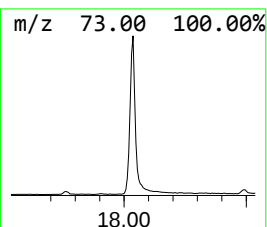
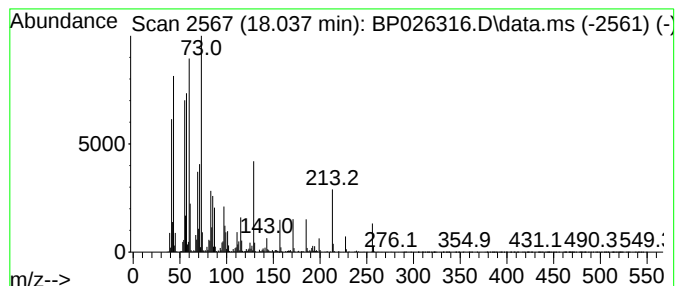
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.037	22.19 ng	3937920	Phenanthrene-d10	17.078

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026316.D
Acq On : 12 Dec 2025 19:07
Operator : RC/JU
Sample : Q3839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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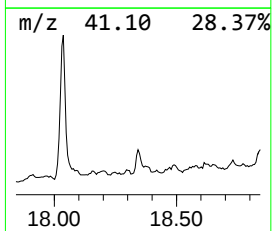
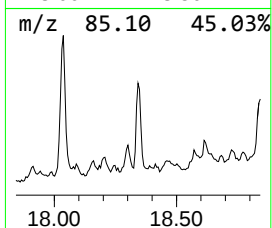
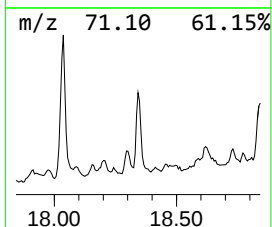
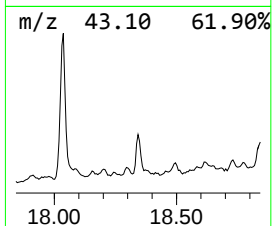
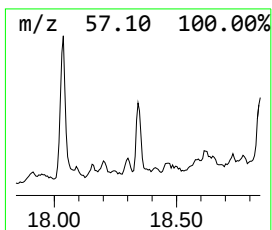
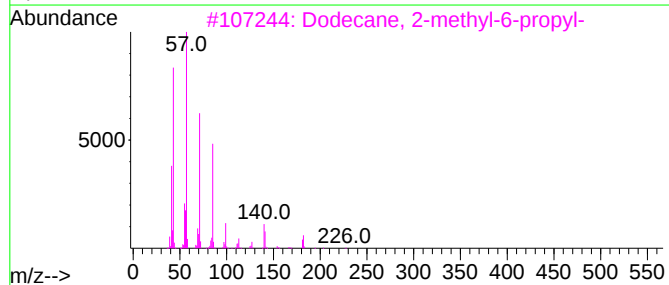
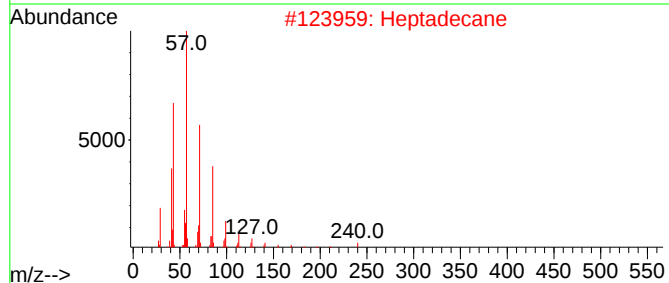
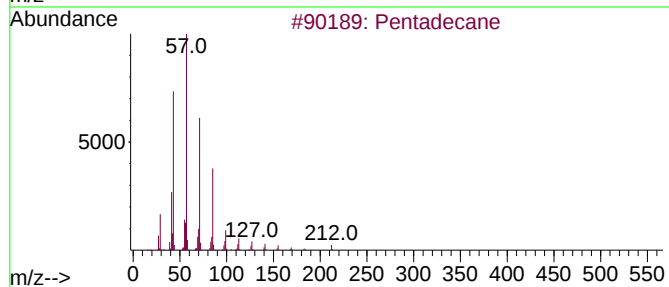
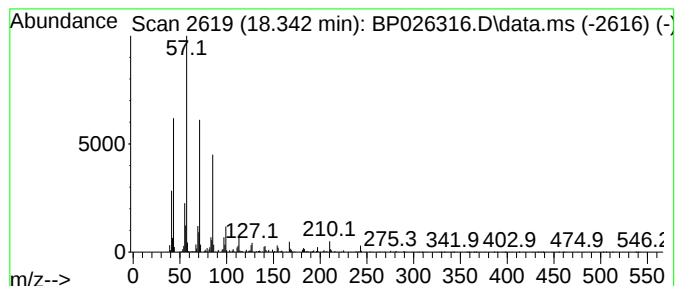
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.342	3.47 ng	615696	Phenanthrene-d10	17.078

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Heptadecane	240	C17H36	000629-78-7	87
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4			Nonadecane	268	C19H40	000629-92-5	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
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Sample : Q3839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

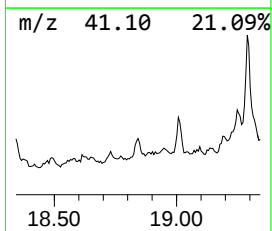
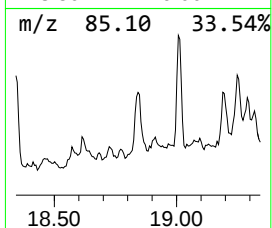
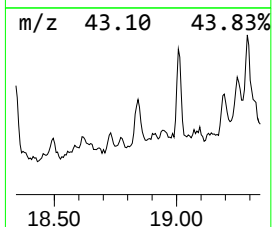
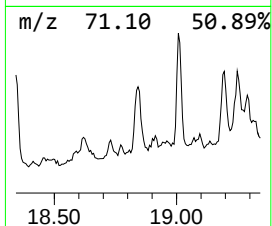
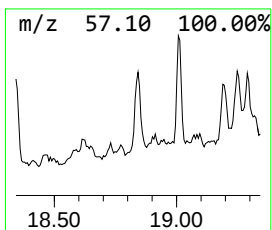
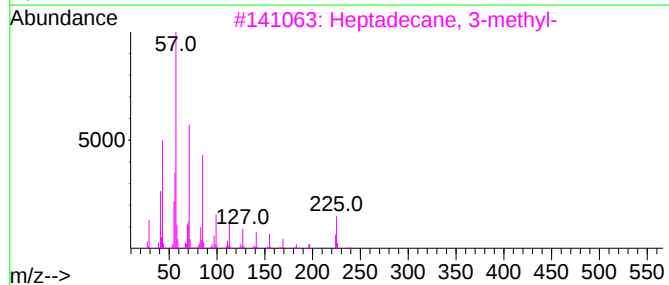
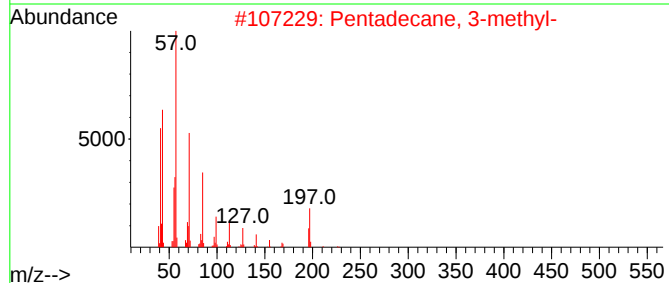
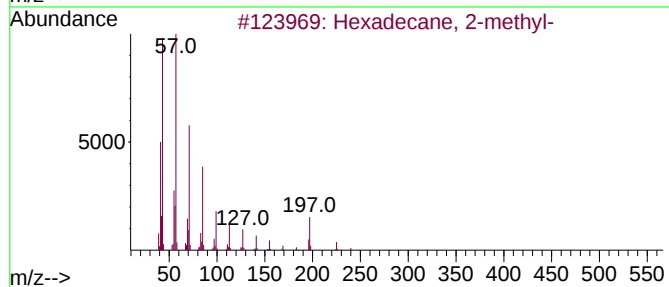
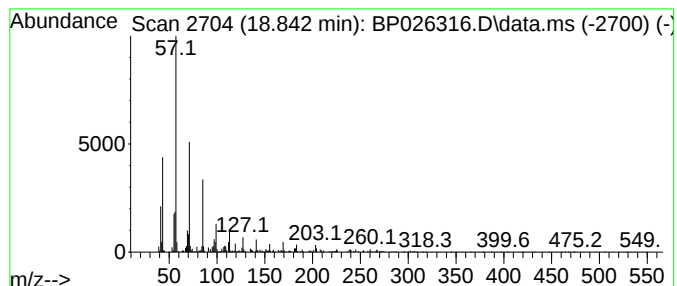
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.842	3.57 ng	633057	Phenanthrene-d10	17.078	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
2	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	91
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026316.D
Acq On : 12 Dec 2025 19:07
Operator : RC/JU
Sample : Q3839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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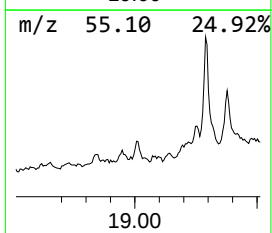
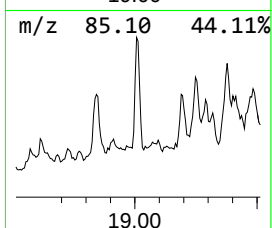
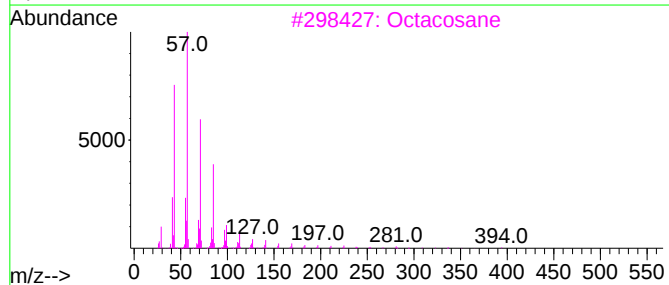
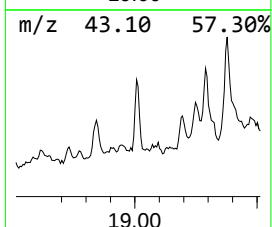
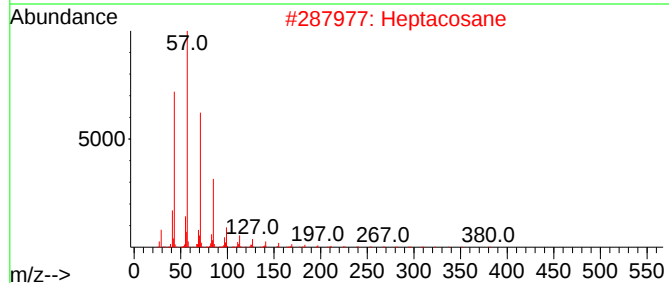
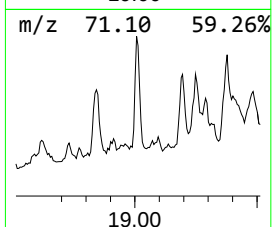
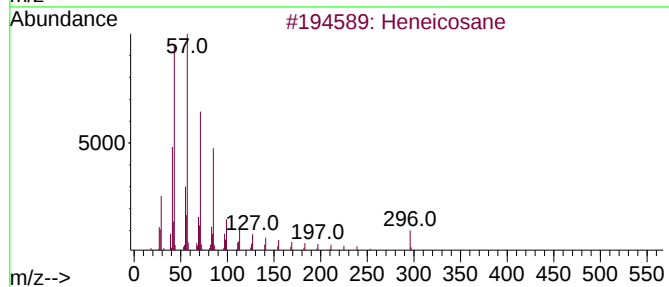
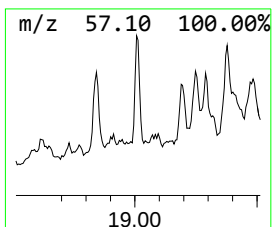
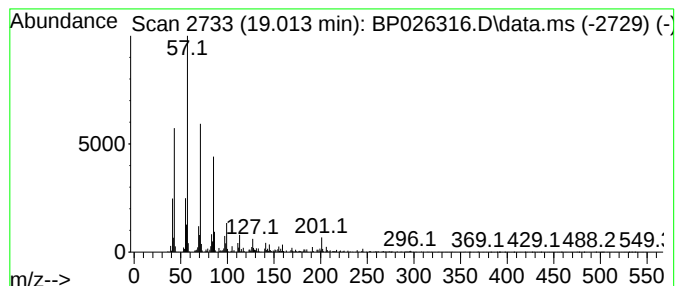
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.013	3.99 ng	708874	Phenanthrene-d10	17.078

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	94
2			Heptacosane	380	C27H56	000593-49-7	81
3			Octacosane	394	C28H58	000630-02-4	81
4			Triacontane	422	C30H62	000638-68-6	81
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
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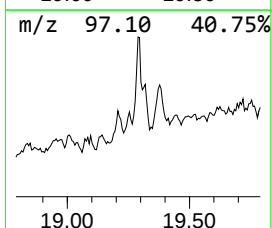
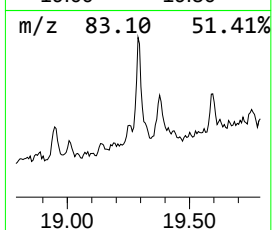
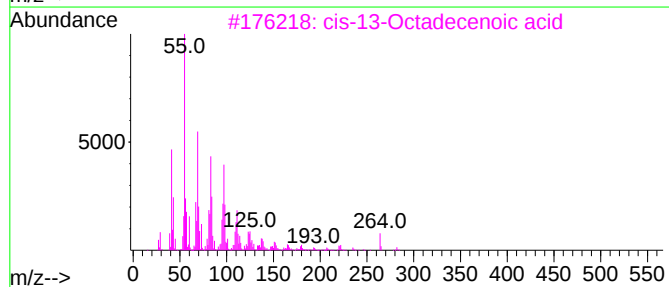
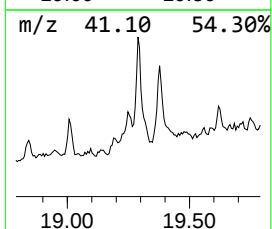
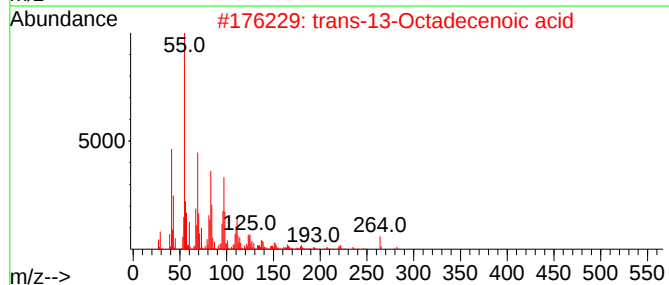
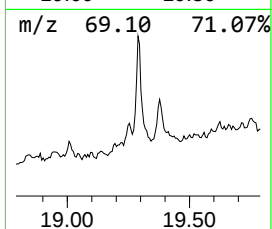
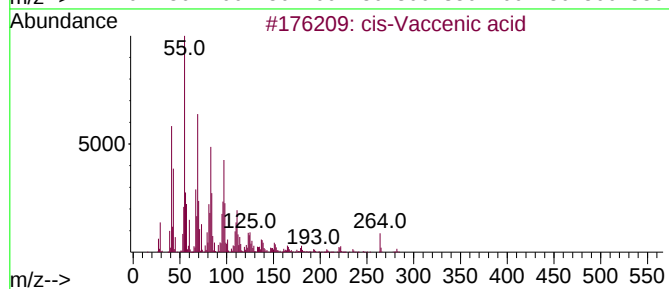
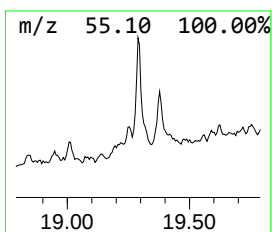
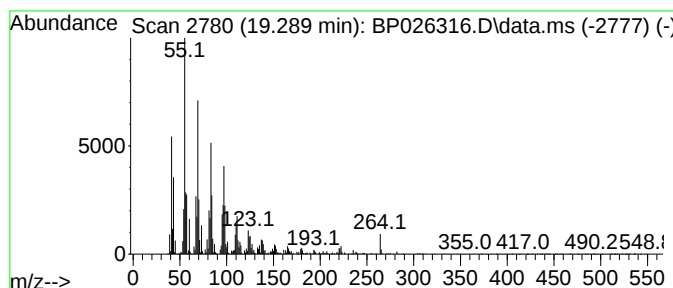
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 cis-Vaccenic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.289	12.88 ng	2285690	Phenanthrene-d10	17.078	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	99
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	99
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	98
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
5	Oleic Acid	282	C18H34O2	000112-80-1	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
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Acq On : 12 Dec 2025 19:07
Operator : RC/JU
Sample : Q3839-09
Misc :
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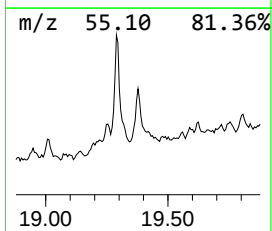
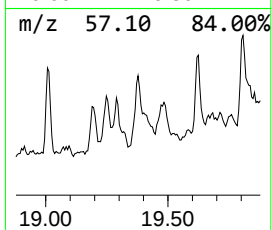
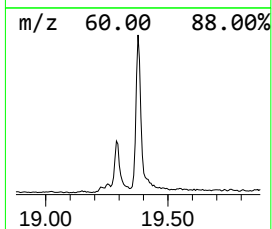
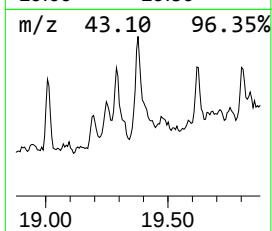
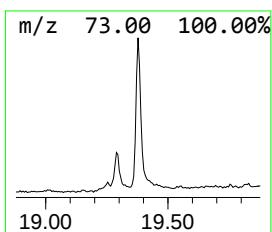
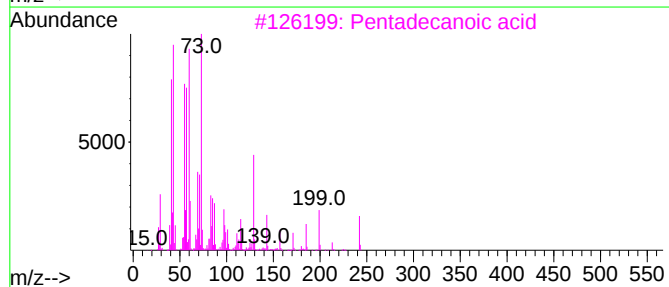
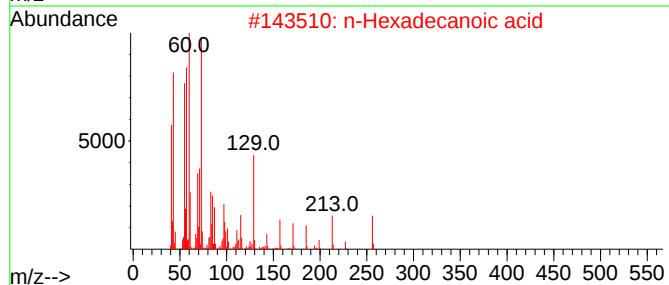
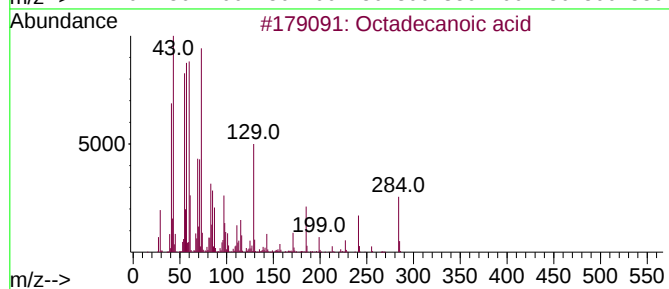
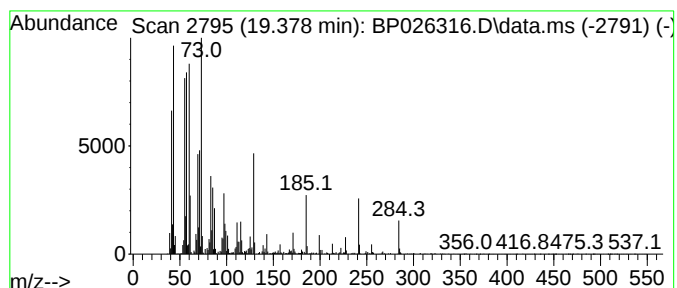
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.378	7.49 ng	1579110	Chrysene-d12	21.536	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026316.D
Acq On : 12 Dec 2025 19:07
Operator : RC/JU
Sample : Q3839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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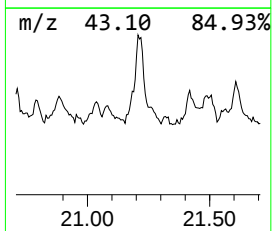
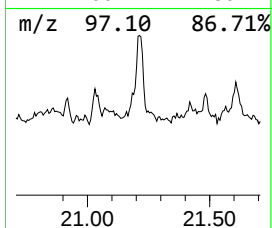
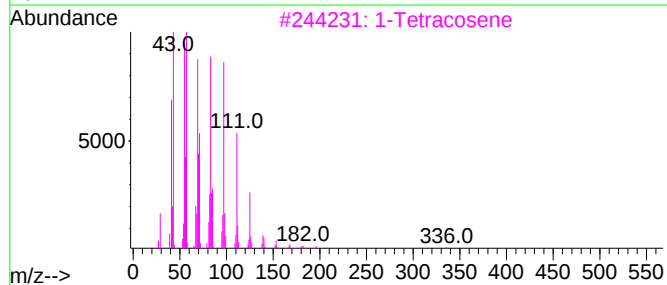
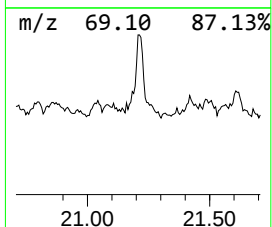
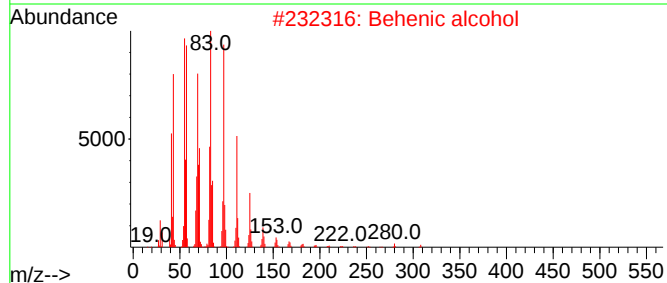
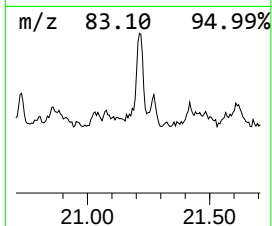
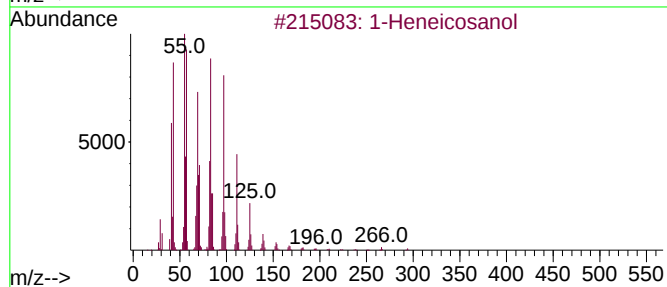
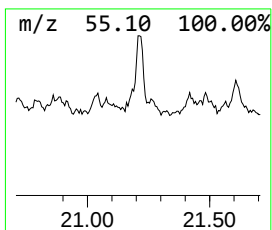
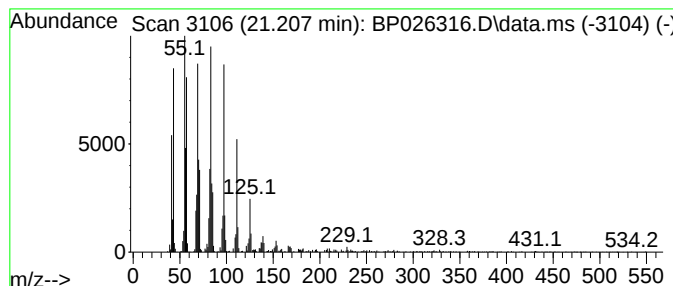
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.207	12.19 ng	2571320	Chrysene-d12	21.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		1-Tetracosene	336	C24H48	010192-32-2	94
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5		2-Methyl-2-docosene	322	C23H46	1000131-16-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026316.D
Acq On : 12 Dec 2025 19:07
Operator : RC/JU
Sample : Q3839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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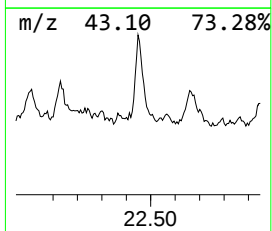
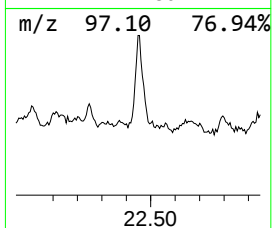
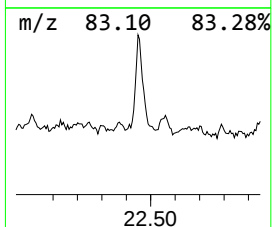
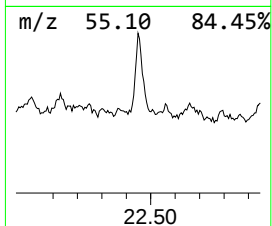
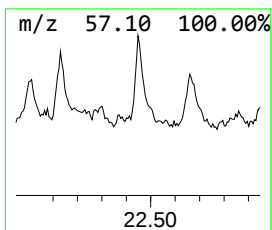
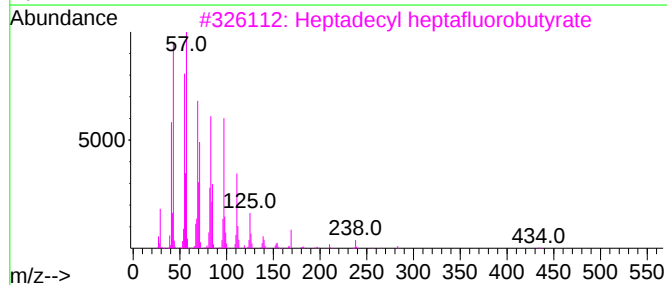
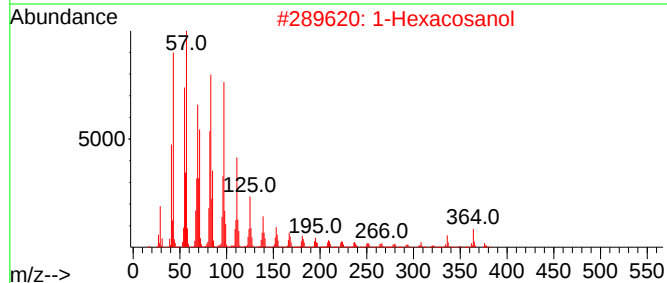
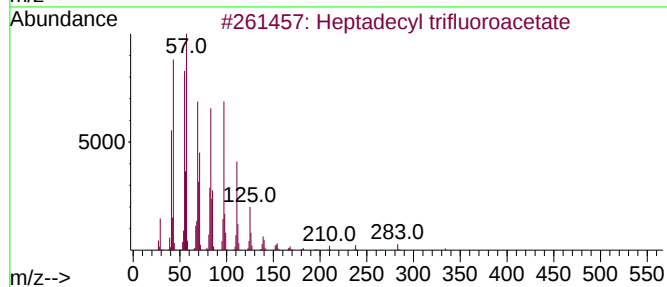
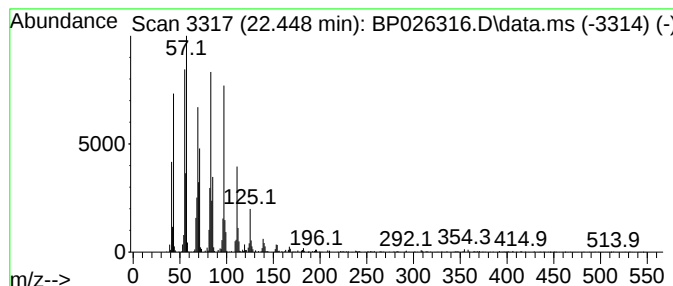
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecyl trifluoroacetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.448	11.24 ng	2371610	Chrysene-d12	21.536

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
2		1-Hexacosanol	382	C26H54O	000506-52-5	94
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
5		Behenic alcohol	326	C22H46O	000661-19-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026316.D
Acq On : 12 Dec 2025 19:07
Operator : RC/JU
Sample : Q3839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

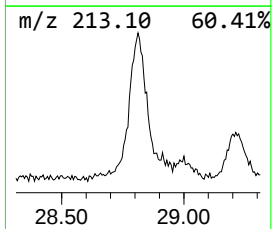
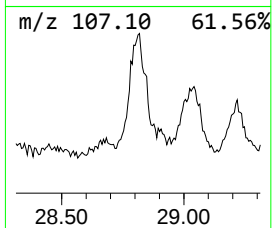
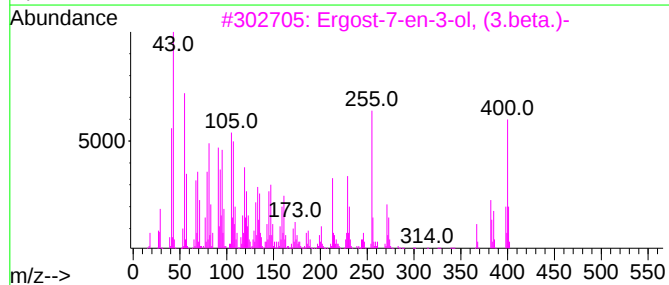
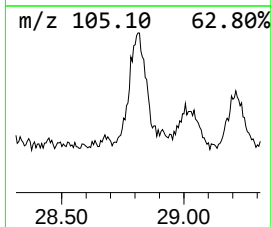
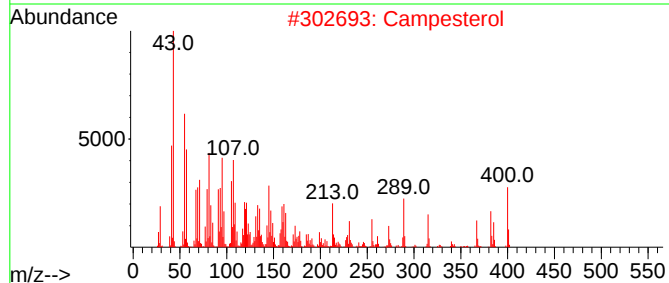
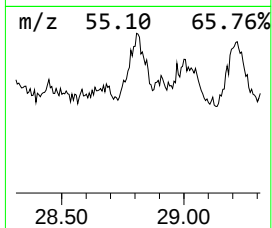
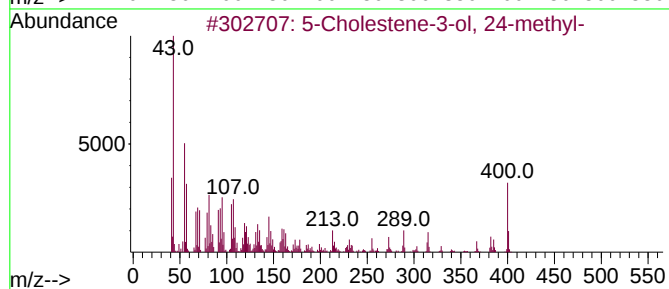
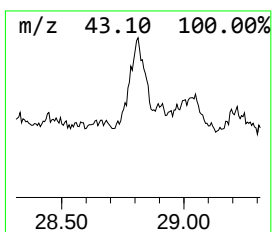
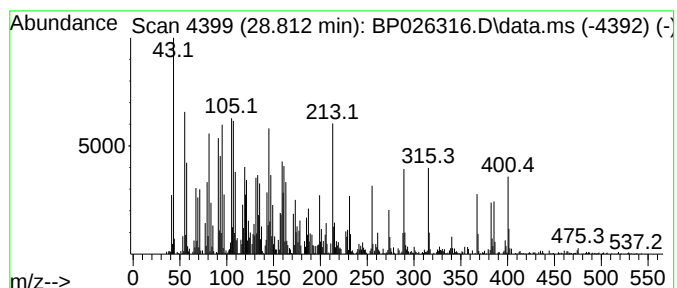
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5-Cholestene-3-ol, 24-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
28.812	10.14 ng	2411930	Perylene-d12	24.830	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	290299-12-6	99
2	Campesterol	400	C28H48O	000474-62-4	99
3	Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	90
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	49
5	Cholest-5-ene, 3-methoxy-, (3.be...	400	C28H48O	001174-92-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026316.D
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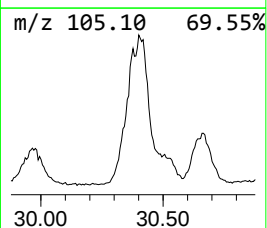
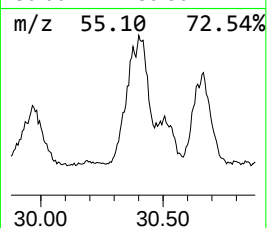
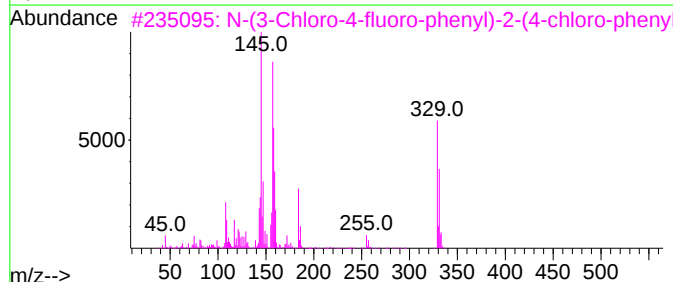
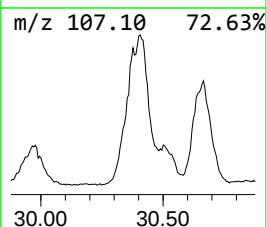
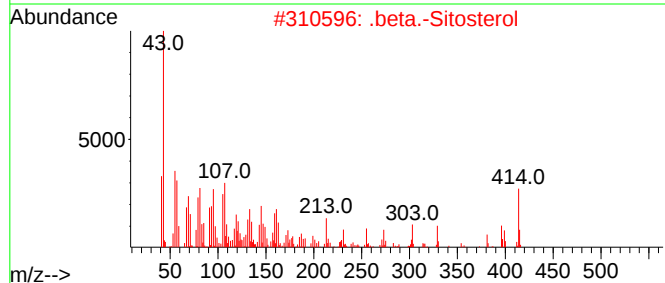
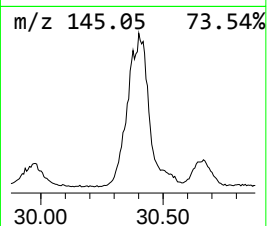
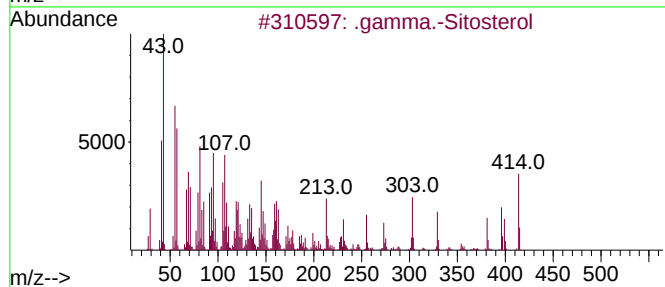
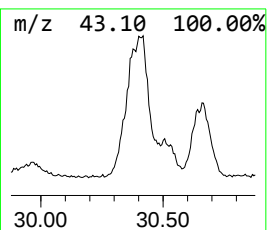
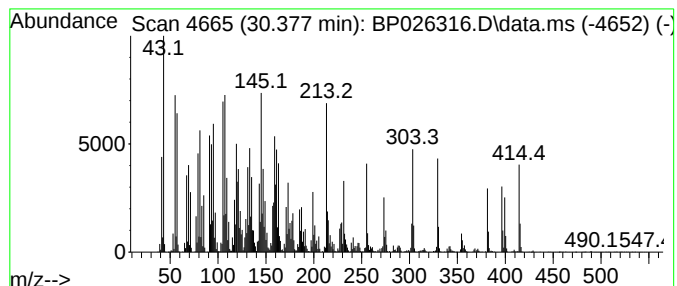
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.377	44.42 ng	10564100	Perylene-d12	24.830
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 97
3		N-(3-Chloro-4-fluoro-phenyl)-2-(...	329 C14H10Cl2FNOS	1000295-12-7 25
4		(3S,8S,9S,10R,13R,14S,17R)-17-((...	414 C29H50O	029365-29-5 25
5		Imidazo[1,2-a]pyridine-2-methana...	255 C15H14FN3	1000319-53-7 25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
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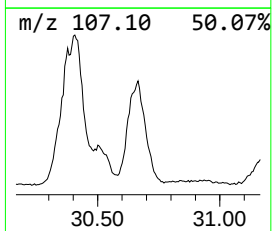
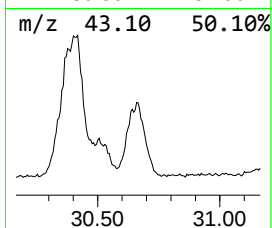
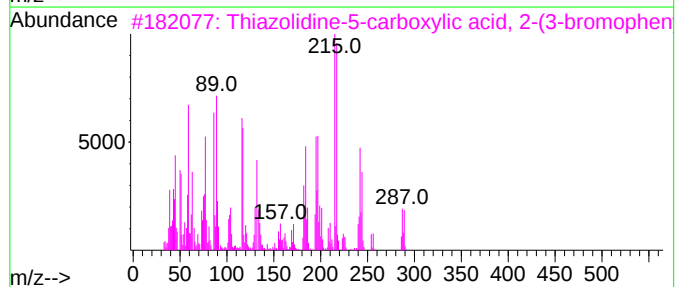
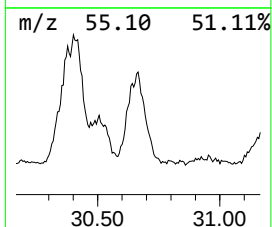
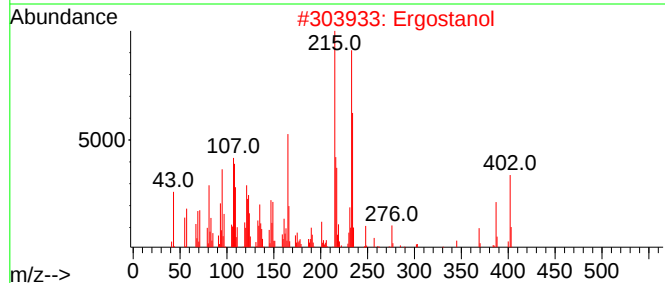
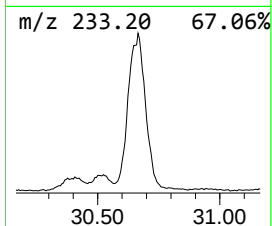
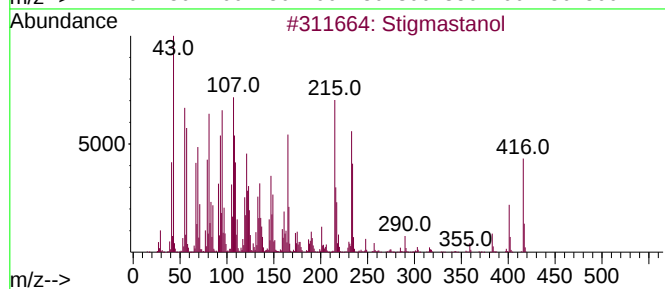
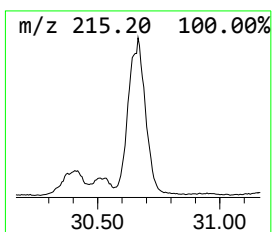
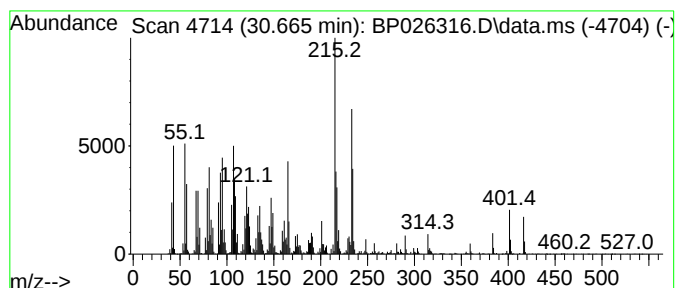
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Stigmastanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
30.665	56.93 ng	13539500	Perylene-d12		24.830	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Stigmastanol		416	C29H52O	019466-47-8	99
2	Ergostanol		402	C28H50O	006538-02-9	68
3	Thiazolidine-5-carboxylic acid, ...		287	C10H10BrNO2S	1000267-68-3	53
4	5-(2-Methyloctan-2-yl)-3-(1R,3R-...		332	C22H36O2	070434-92-3	27
5	Pyridin-3-ol, 2-(4-nitrophenyl)-		216	C11H8N2O3	030820-89-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
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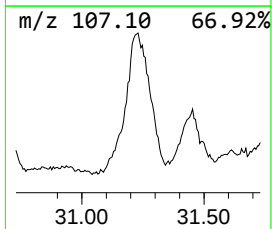
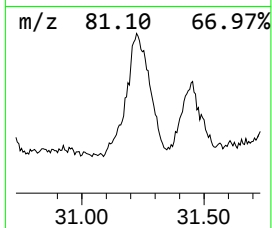
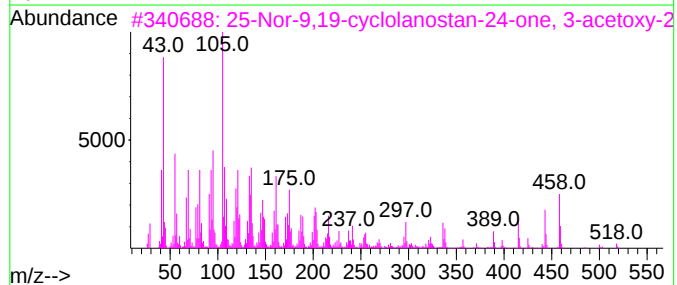
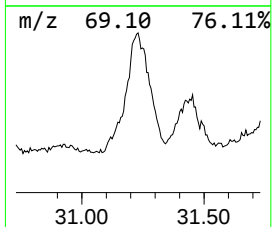
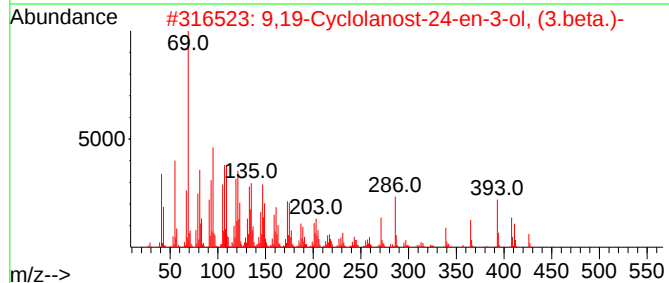
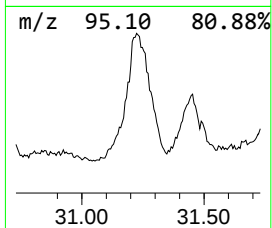
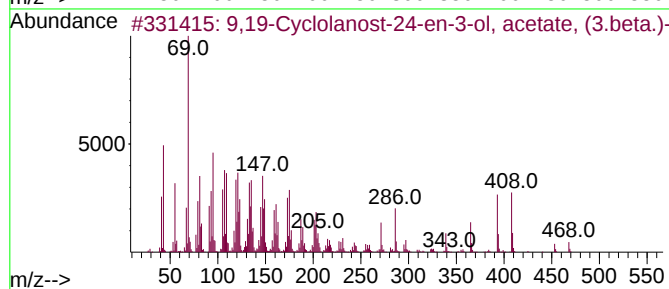
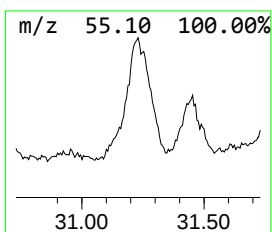
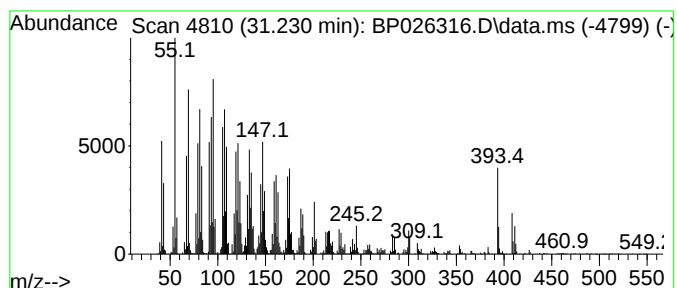
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BNA_P
ClientSampleId :
COAN5

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 20 9,19-Cyclolanost-24-en-3-ol... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.230	54.62 ng	12989700	Perylene-d12	24.830
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	9,19-Cyclolanost-24-en-3-ol, ace...	468 C32H52O2	001259-10-5	90
2	9,19-Cyclolanost-24-en-3-ol, (3...	426 C30H50O	000469-38-5	87
3	25-Nor-9,19-cyclolanostan-24-one...	518 C35H50O3	1010194-00-2	42
4	9,19-Cycloergost-24(28)-en-3-ol...	426 C30H50O	000469-39-6	38
5	Lupeol, trifluoroacetate	522 C32H49F3O2	1000394-56-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026316.D
Acq On : 12 Dec 2025 19:07
Operator : RC/JU
Sample : Q3839-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AN5

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
Octanoic acid	9.760	3.1	ng	288207	2	10.413	1844330	20.0
.alpha.-Muurolene	14.349	2.5	ng	344289	3	14.266	2752290	20.0
Naphthalene, 2,...	14.507	2.4	ng	330036	3	14.266	2752290	20.0
Benzophenone	15.654	6.9	ng	950386	3	14.266	2752290	20.0
Naphthalene, 1,...	16.043	2.5	ng	450010	4	17.078	3549330	20.0
3-Ethyl-2,6,10-...	16.913	2.4	ng	417525	4	17.078	3549330	20.0
n-Hexadecanoic ...	18.037	22.2	ng	3937920	4	17.078	3549330	20.0
Pentadecane	18.342	3.5	ng	615696	4	17.078	3549330	20.0
Hexadecane, 2-m...	18.842	3.6	ng	633057	4	17.078	3549330	20.0
Heneicosane	19.013	4.0	ng	708874	4	17.078	3549330	20.0
cis-Vaccenic acid	19.289	12.9	ng	2285690	4	17.078	3549330	20.0
Octadecanoic acid	19.378	7.5	ng	1579110	5	21.536	4218080	20.0
1-Heneicosanol	21.207	12.2	ng	2571320	5	21.536	4218080	20.0
Heptadecyl trif...	22.448	11.2	ng	2371610	5	21.536	4218080	20.0
5-Cholestene-3-...	28.812	10.1	ng	2411930	6	24.830	4756660	20.0
.gamma.-Sitosterol	30.377	44.4	ng	10564100	6	24.830	4756660	20.0
Stigmastanol	30.665	56.9	ng	13539500	6	24.830	4756660	20.0
9,19-Cyclolanos...	31.230	54.6	ng	12989700	6	24.830	4756660	20.0