

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140934.D
 Acq On : 19 Dec 2024 18:41
 Operator : RC/JU
 Sample : P5312-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-VNJ-222

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_F\Methods\8270-BF121624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140934.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.452	396	401	411	rBV	19297	36792	3.70%	0.365%
2	5.069	502	506	525	rVB	34239	57206	5.76%	0.567%
3	5.493	573	578	604	rBV	445763	715611	72.06%	7.094%
4	6.122	680	685	689	rVB	23304	28740	2.89%	0.285%
5	6.287	709	713	719	rVB	37790	47444	4.78%	0.470%
6	6.498	744	749	763	rBV	506137	820345	82.60%	8.132%
7	6.593	763	765	776	rVB2	8704	13874	1.40%	0.138%
8	6.845	804	808	816	rBV	203766	264174	26.60%	2.619%
9	6.957	823	827	831	rVB	15157	17958	1.81%	0.178%
10	7.410	899	904	915	rBV	392380	551376	55.52%	5.466%
11	7.669	945	948	955	rVB	9433	13513	1.36%	0.134%
12	8.034	1005	1010	1017	rBV3	15447	32515	3.27%	0.322%
13	8.098	1017	1021	1022	rVV	16982	19114	1.92%	0.189%
14	8.128	1022	1026	1032	rVV	252423	329558	33.18%	3.267%
15	8.416	1070	1075	1080	rBV4	6345	11568	1.16%	0.115%
16	8.534	1092	1095	1103	rVB	10107	13405	1.35%	0.133%
17	8.628	1107	1111	1114	rBV3	8714	11258	1.13%	0.112%
18	8.704	1118	1124	1129	rBV2	45222	71580	7.21%	0.710%
19	8.792	1136	1139	1145	rVB5	5620	9938	1.00%	0.099%
20	8.945	1161	1165	1169	rBV4	10126	13744	1.38%	0.136%
21	9.069	1182	1186	1190	rBV3	11826	14935	1.50%	0.148%
22	9.134	1194	1197	1201	rVB2	13676	15227	1.53%	0.151%
23	9.198	1203	1208	1216	rBV	799081	993144	100.00%	9.845%
24	9.269	1216	1220	1224	rBV	63570	77556	7.81%	0.769%
25	9.528	1258	1264	1270	rBV6	18462	46775	4.71%	0.464%
26	9.586	1270	1274	1282	rVV5	31441	69399	6.99%	0.688%
27	9.651	1282	1285	1294	rVB5	15578	28558	2.88%	0.283%
28	9.728	1295	1298	1303	rBV6	5442	11168	1.12%	0.111%
29	9.798	1304	1310	1314	rBV	79471	105815	10.65%	1.049%
30	9.881	1319	1324	1331	rVB	275011	352597	35.50%	3.495%
31	9.986	1338	1342	1345	rBV6	7046	10637	1.07%	0.105%
32	10.034	1346	1350	1352	rBV3	10150	15271	1.54%	0.151%
33	10.122	1362	1365	1369	rBV4	17991	26831	2.70%	0.266%
34	10.204	1374	1379	1382	rBV6	8942	18091	1.82%	0.179%
35	10.298	1390	1395	1399	rBV	86351	117598	11.84%	1.166%
36	10.333	1399	1401	1404	rVB2	12119	12889	1.30%	0.128%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	10.516	1427	1432	1439	rBV	41457	70678	7.12%	0.701%
38	10.592	1441	1445	1450	rVV	89355	116649	11.75%	1.156%
39	10.681	1455	1460	1470	rVV	210845	307279	30.94%	3.046%
40	10.775	1471	1476	1485	rVB	87439	145316	14.63%	1.440%
41	10.969	1505	1509	1511	rBV3	9286	14336	1.44%	0.142%
42	11.092	1526	1530	1535	rBV4	11721	18274	1.84%	0.181%
43	11.222	1547	1552	1555	rBV	67745	97750	9.84%	0.969%
44	11.251	1555	1557	1563	rVB	37892	45972	4.63%	0.456%
45	11.375	1573	1578	1590	rBV	241503	375893	37.85%	3.726%
46	11.645	1620	1624	1629	rVB	69955	85663	8.63%	0.849%
47	11.892	1662	1666	1672	rBV4	35756	72539	7.30%	0.719%
48	12.051	1690	1693	1698	rBV	69227	87276	8.79%	0.865%
49	12.439	1755	1759	1765	rVB	61012	82940	8.35%	0.822%
50	12.592	1781	1785	1790	rBV	27096	47374	4.77%	0.470%
51	12.816	1819	1823	1830	rBV2	48902	79064	7.96%	0.784%
52	12.957	1842	1847	1854	rVB	730396	940389	94.69%	9.322%
53	13.169	1881	1883	1889	rVB	28661	34004	3.42%	0.337%
54	13.386	1917	1920	1924	rVB3	27629	34135	3.44%	0.338%
55	13.516	1939	1942	1945	rBV2	25233	30987	3.12%	0.307%
56	13.845	1994	1998	2010	rVB	78134	145051	14.61%	1.438%
57	14.027	2024	2029	2040	rVB	283169	393503	39.62%	3.901%
58	14.474	2102	2105	2113	rBV	57354	94593	9.52%	0.938%
59	15.121	2210	2215	2225	rVB	497139	718746	72.37%	7.125%
60	15.521	2279	2283	2295	rVB	161366	278454	28.04%	2.760%
61	15.933	2348	2353	2359	rBV	142342	230577	23.22%	2.286%
62	17.586	2628	2634	2647	rVB3	130478	387345	39.00%	3.840%
63	18.021	2702	2708	2717	rBV3	46913	156946	15.80%	1.556%

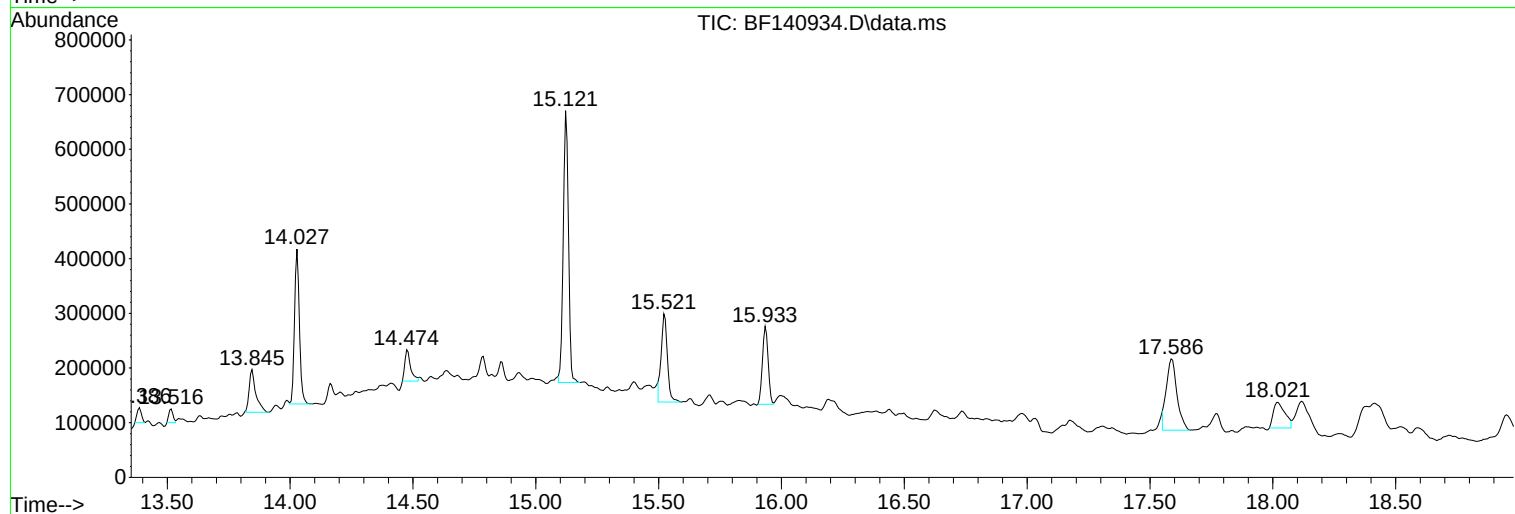
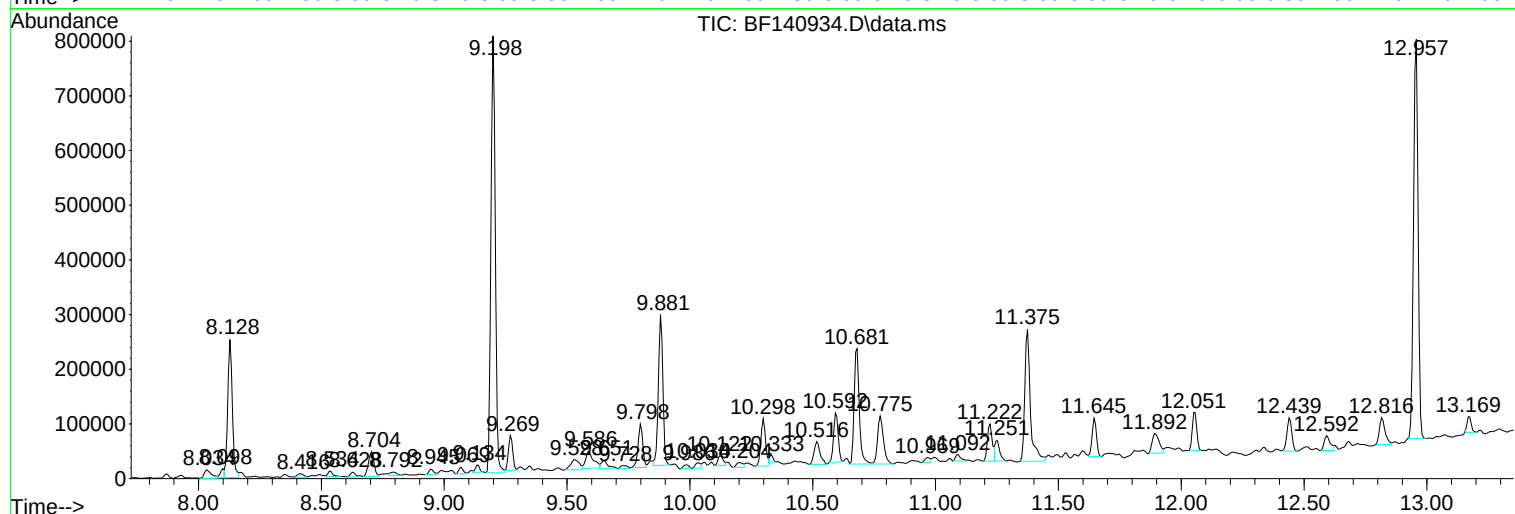
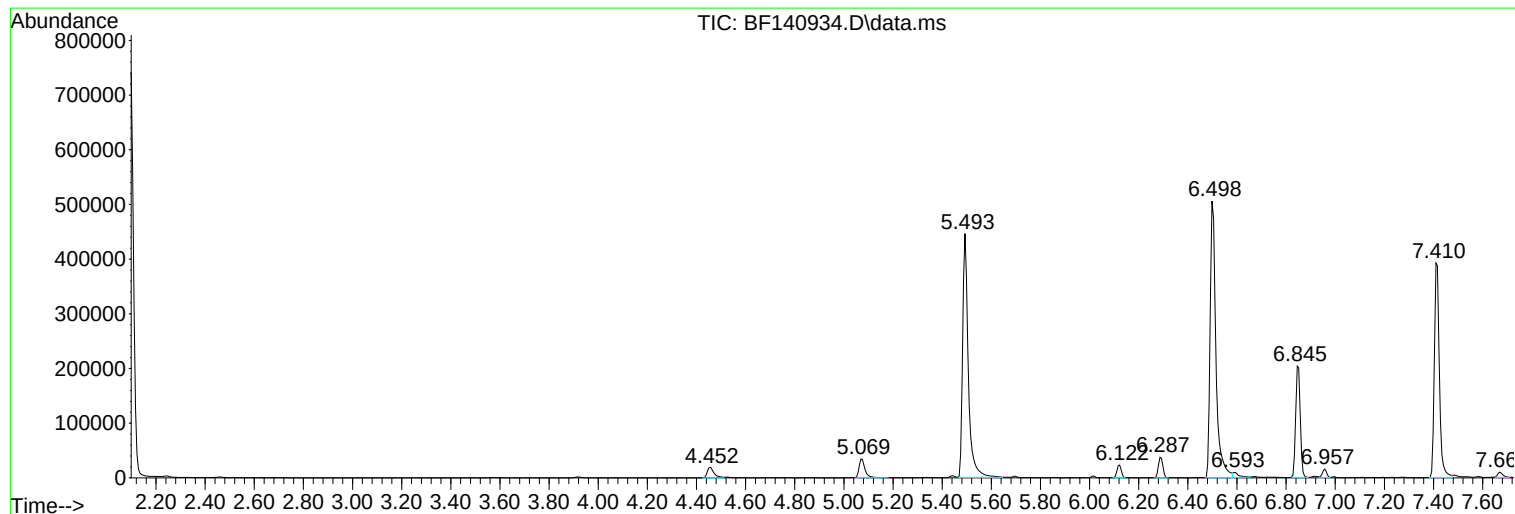
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ClientSampleId :
SOIL-VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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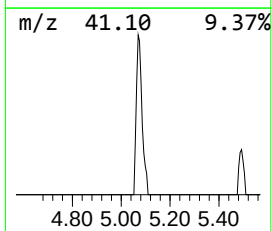
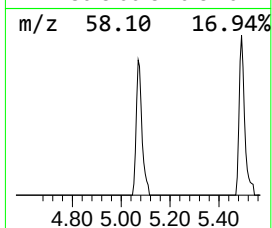
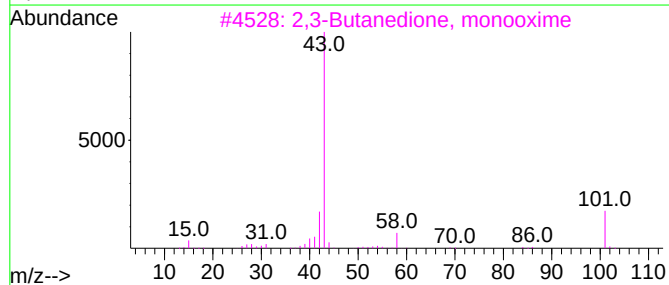
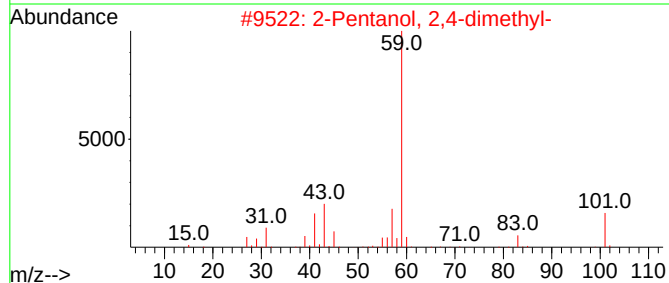
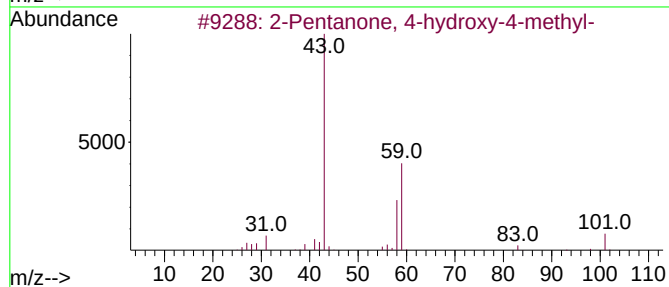
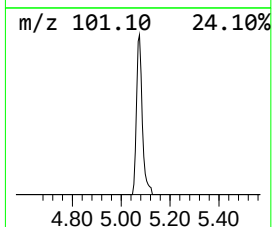
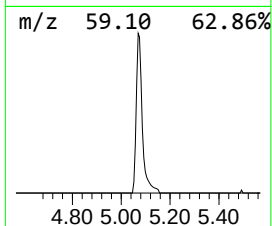
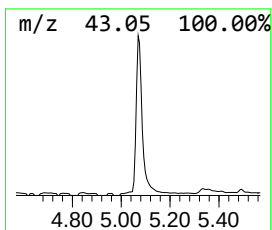
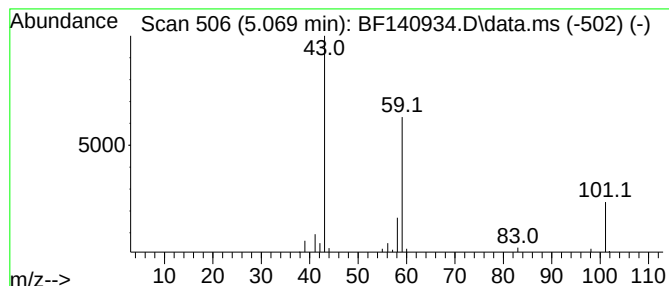
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	4.33 ng	57206	1,4-Dichlorobenzene-d4	6.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	45		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
4	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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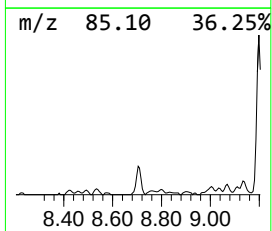
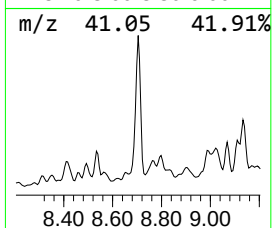
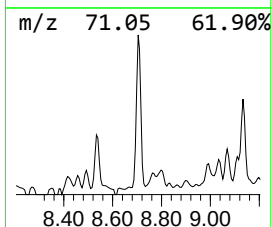
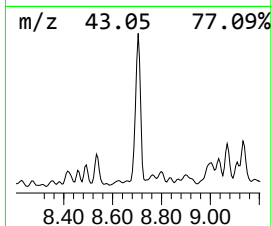
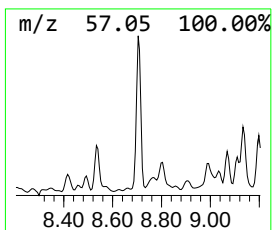
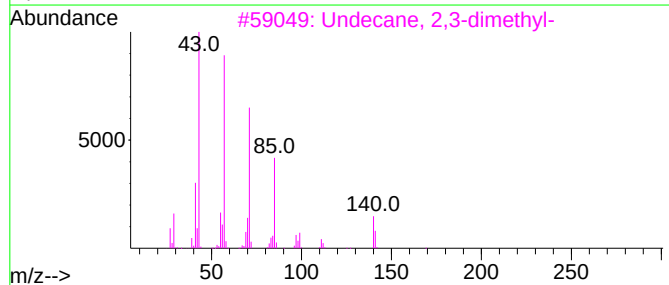
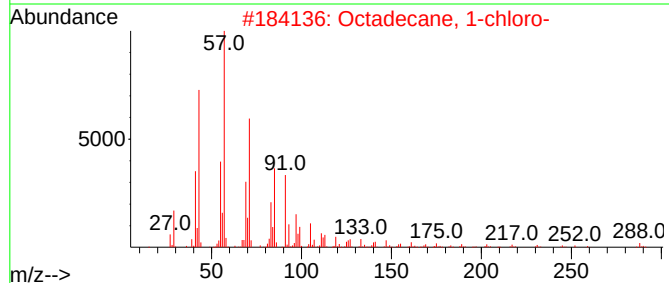
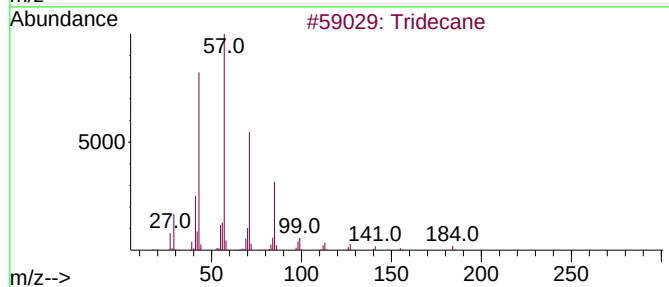
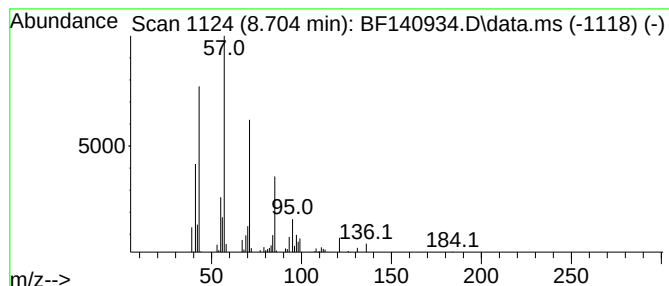
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	4.34 ng	71580	Naphthalene-d8	8.128

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	76
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
3			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
5			Tetradecane	198	C14H30	000629-59-4	62



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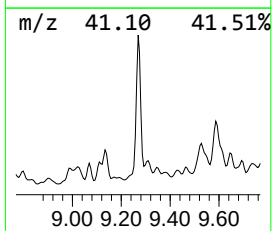
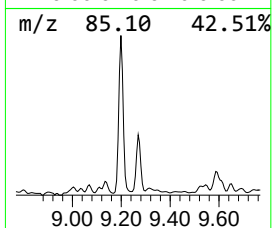
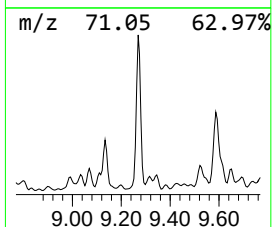
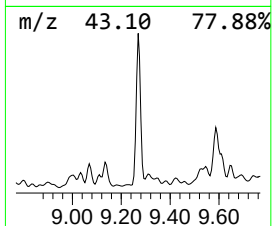
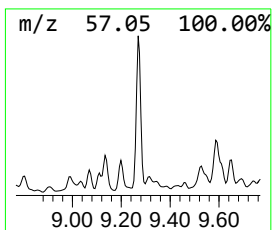
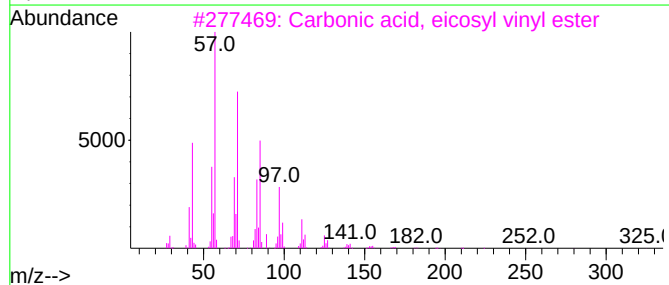
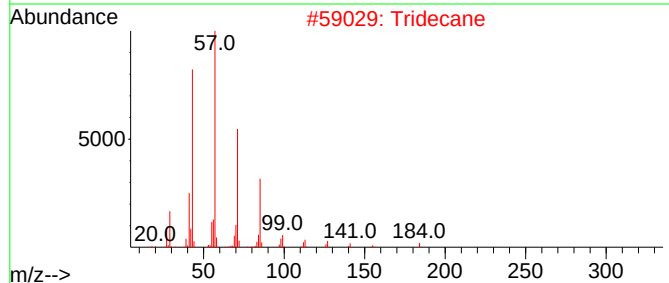
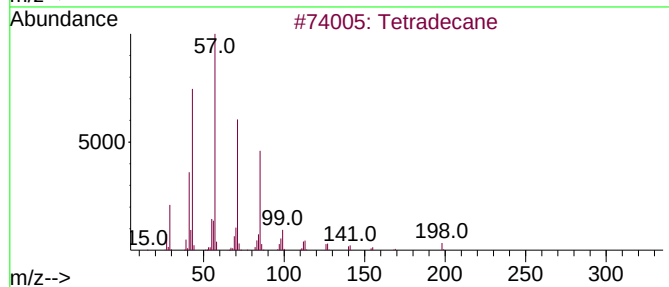
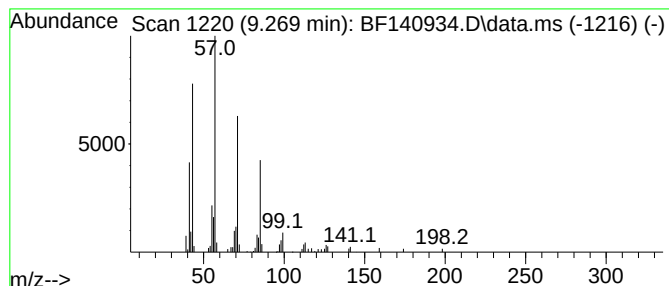
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	4.40 ng	77556	Acenaphthene-d10	9.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tridecane	184	C13H28	000629-50-5	86
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4			Hexadecane	226	C16H34	000544-76-3	83
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



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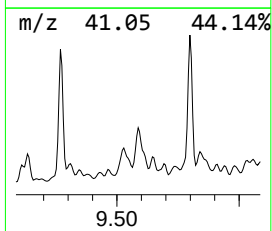
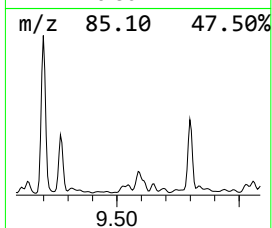
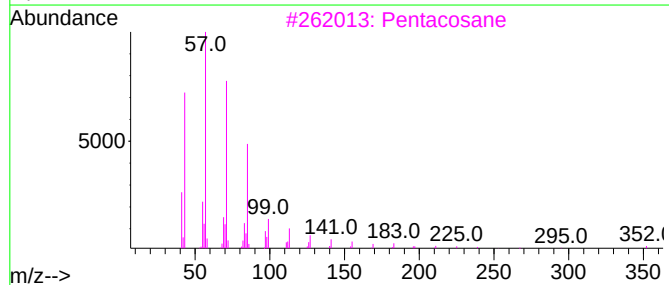
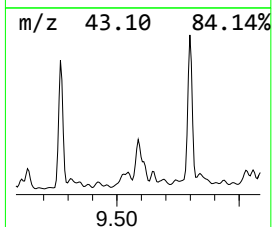
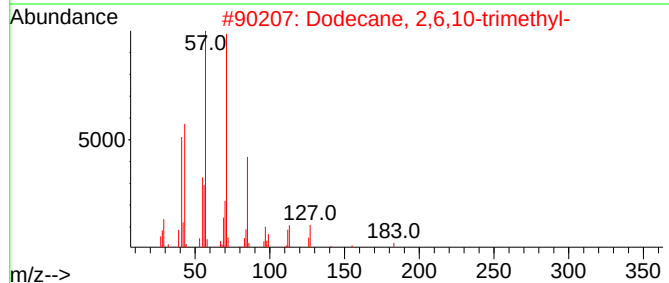
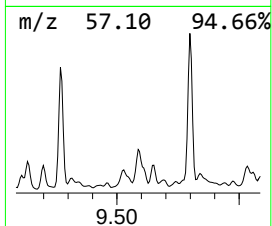
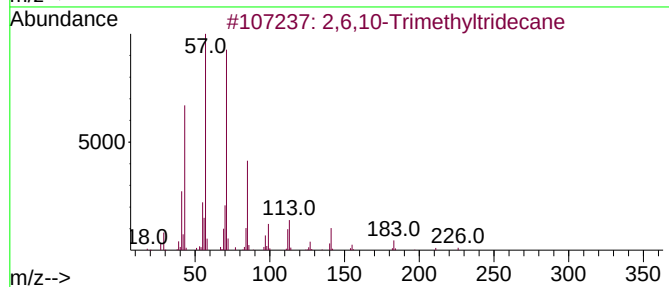
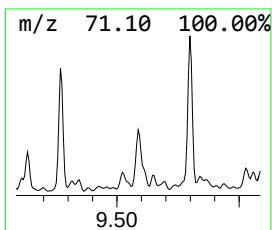
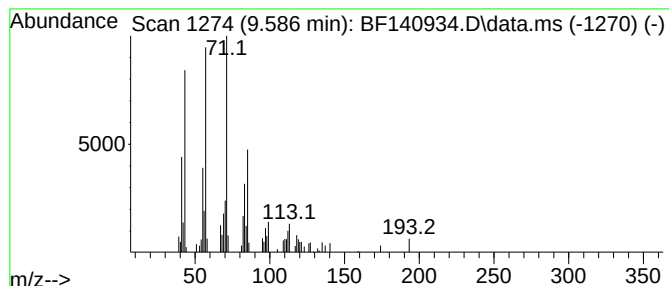
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2,6,10-Trimethyltridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	3.94 ng	69399	Acenaphthene-d10	9.881

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Pentacosane	352	C25H52	000629-99-2	86
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
SOIL-VNJ-222

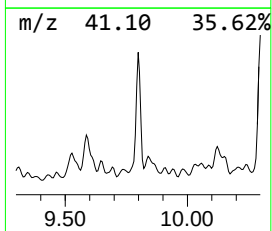
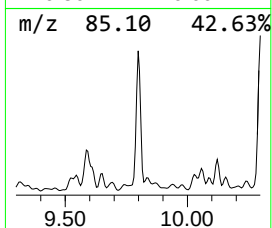
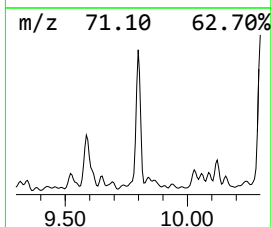
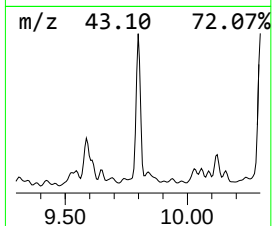
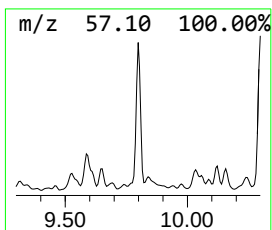
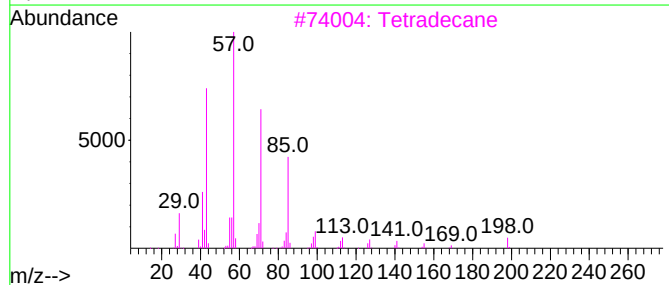
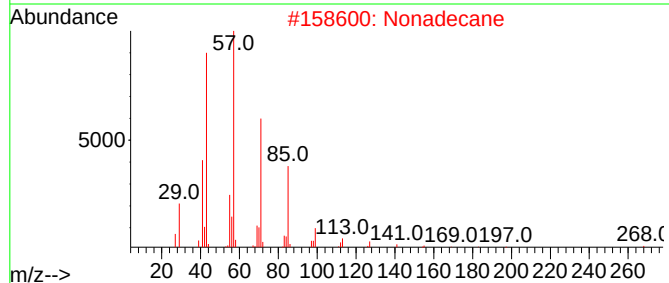
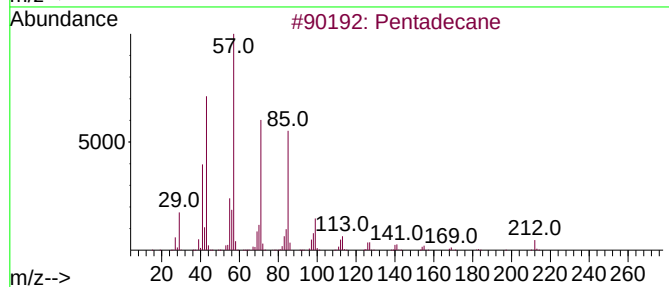
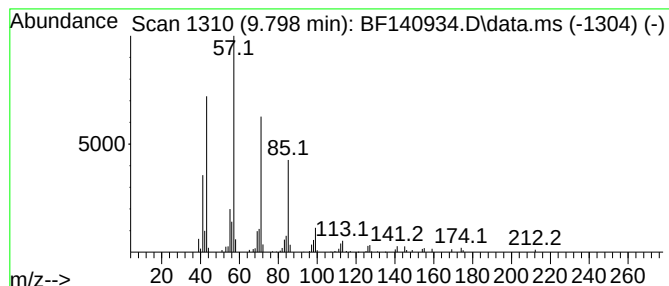
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	6.00 ng	105815	Acenaphthene-d10	9.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Nonadecane	268	C19H40	000629-92-5	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
5			Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-VNJ-222

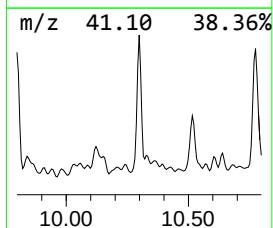
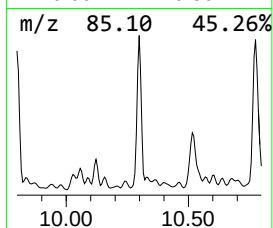
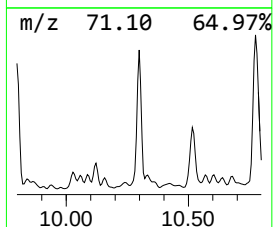
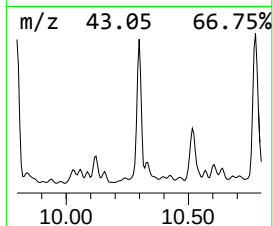
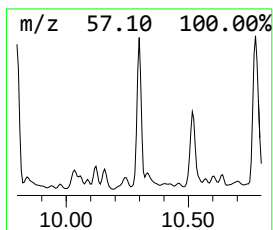
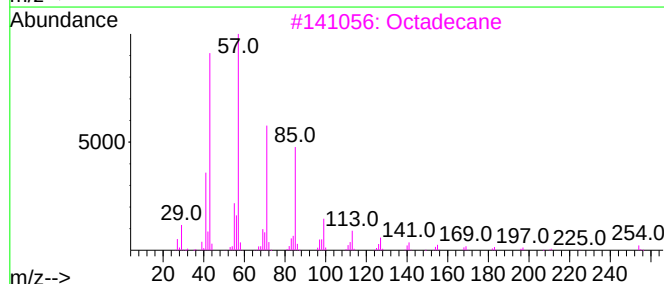
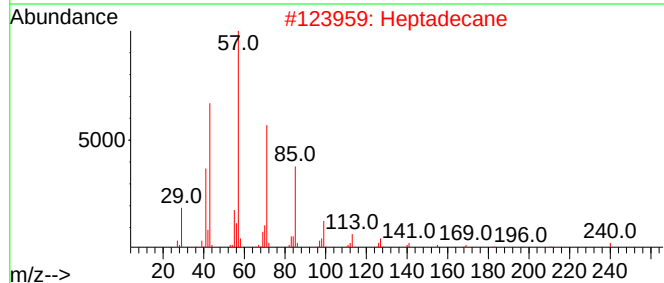
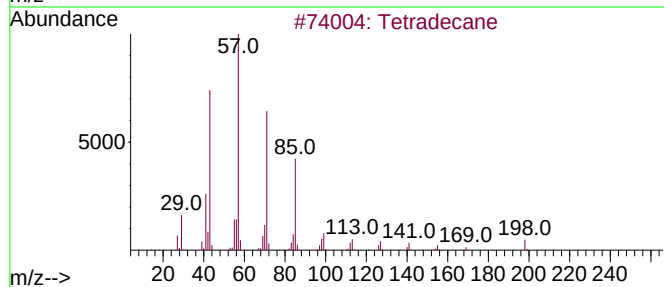
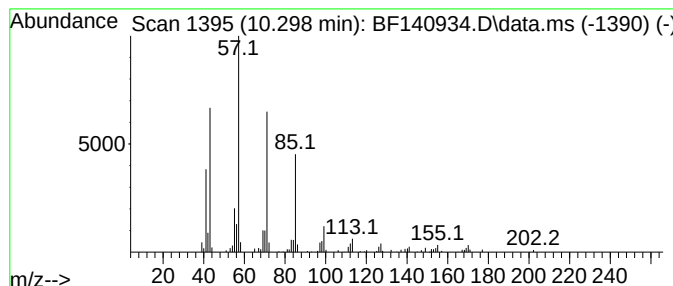
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	6.67 ng	117598	Acenaphthene-d10	9.881

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
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Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

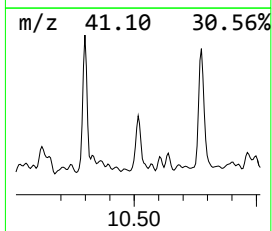
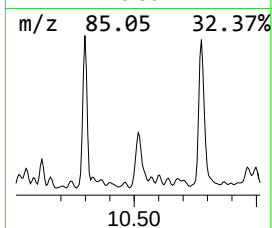
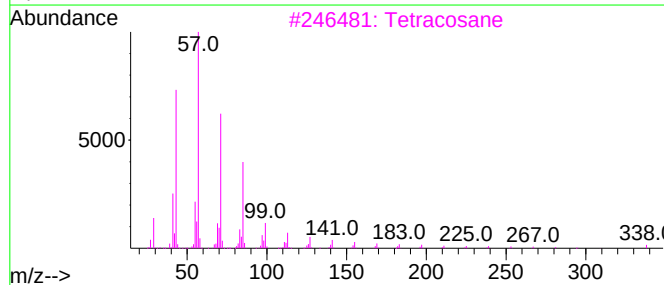
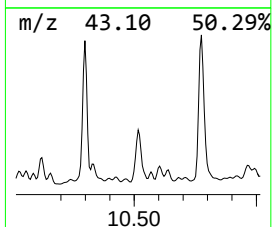
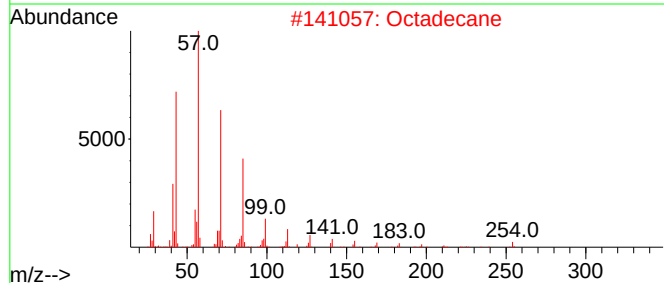
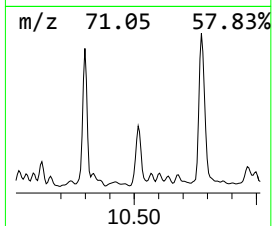
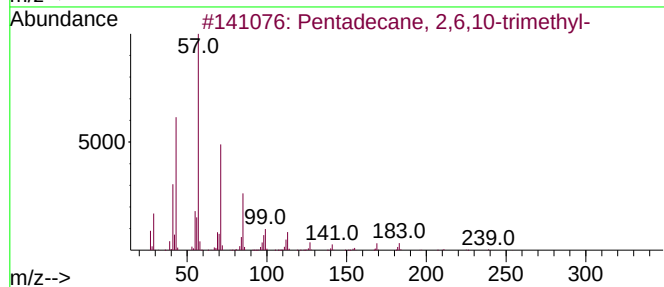
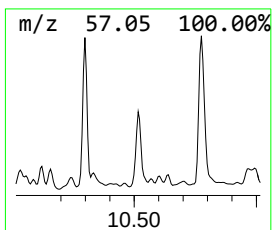
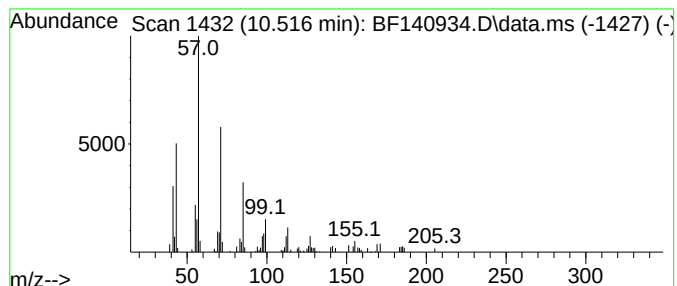
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.516	4.01 ng	70678	Acenaphthene-d10	9.881	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Octadecane	254	C18H38	000593-45-3	80
3	Tetracosane	338	C24H50	000646-31-1	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-VNJ-222

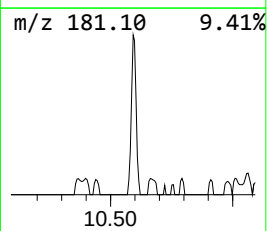
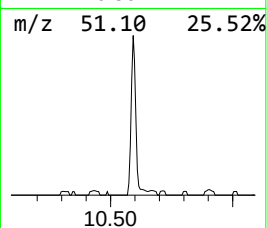
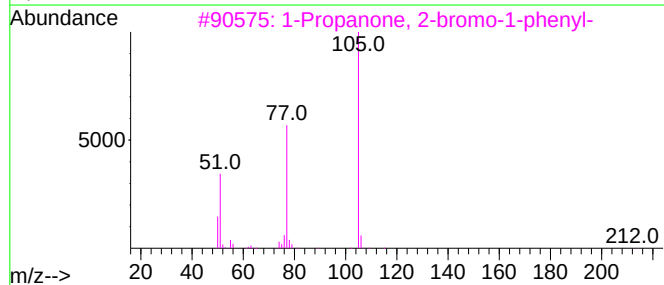
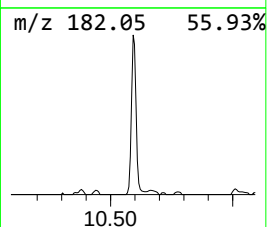
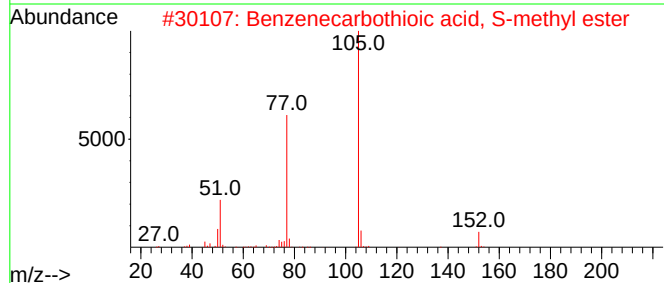
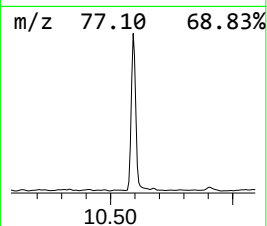
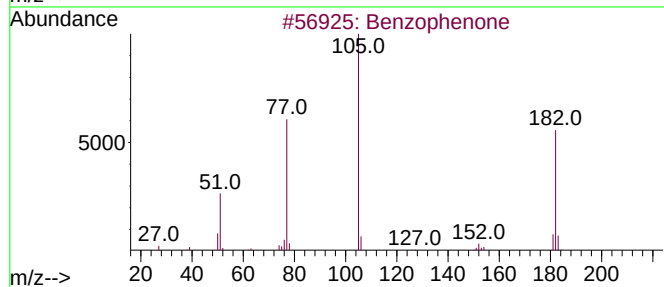
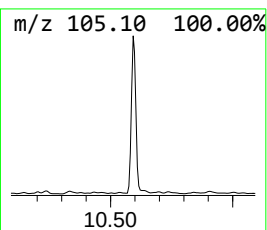
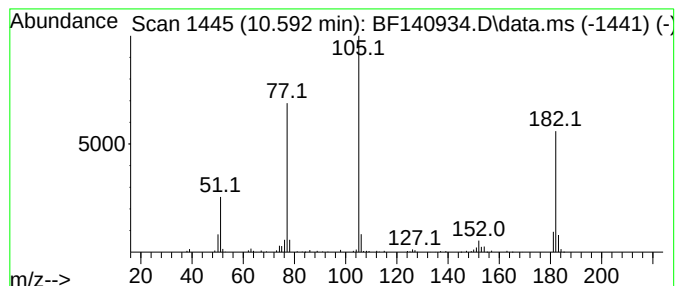
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	6.62 ng	116649	Acenaphthene-d10	9.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
5			Methyl benzilate	242	C15H14O3	000076-89-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
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Operator : RC/JU
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ALS Vial : 18 Sample Multiplier: 1

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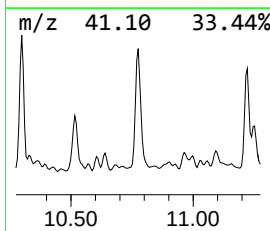
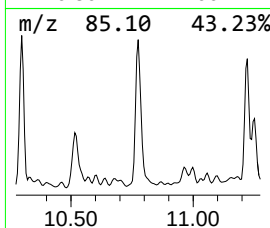
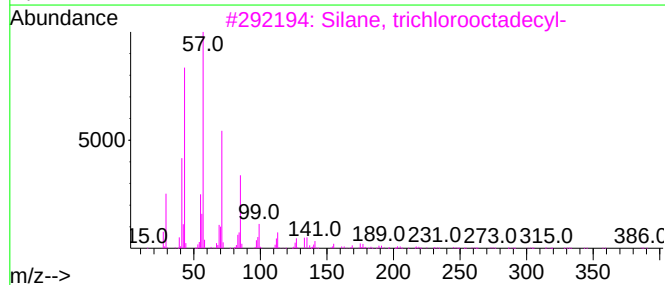
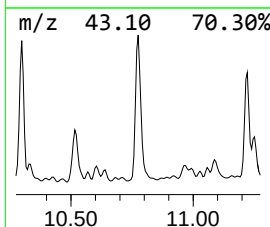
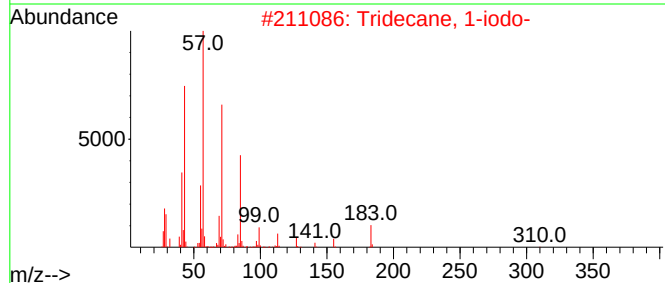
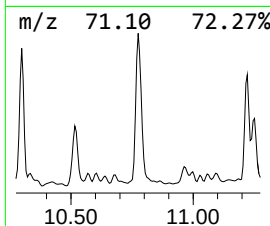
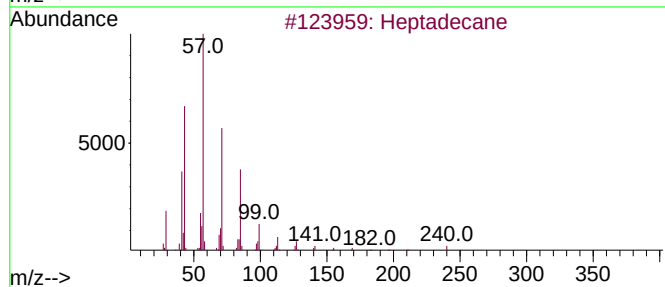
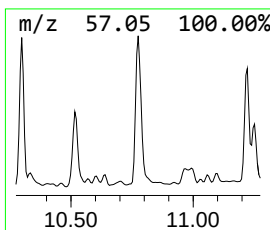
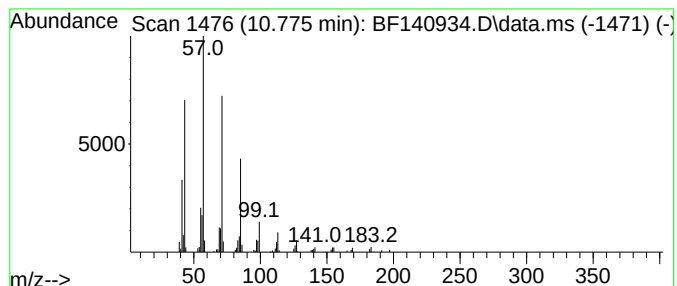
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	7.73 ng	145316	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
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Acq On : 19 Dec 2024 18:41
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Sample : P5312-01
Misc :
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Instrument :
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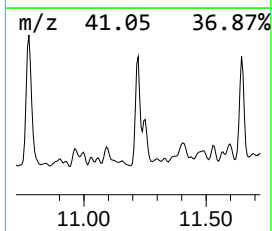
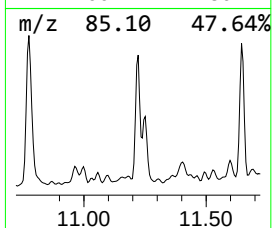
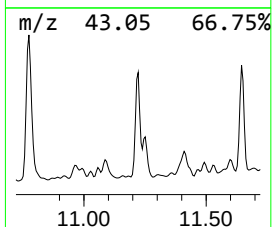
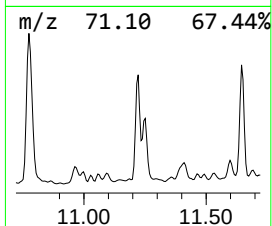
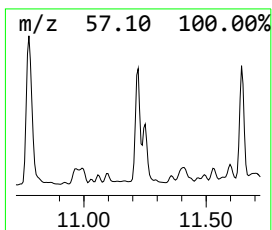
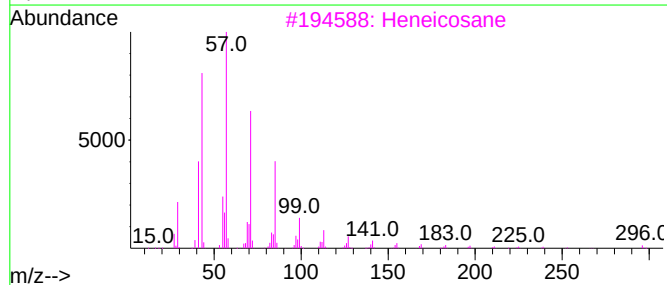
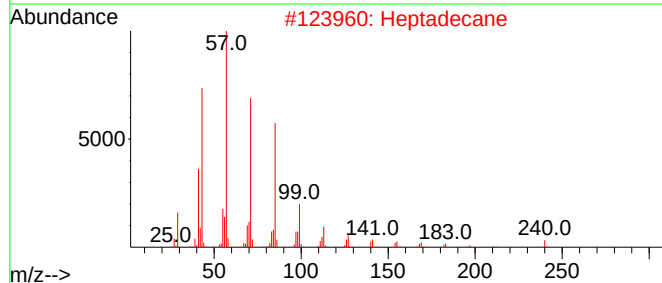
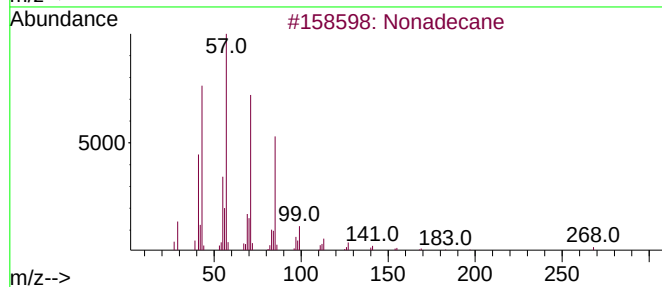
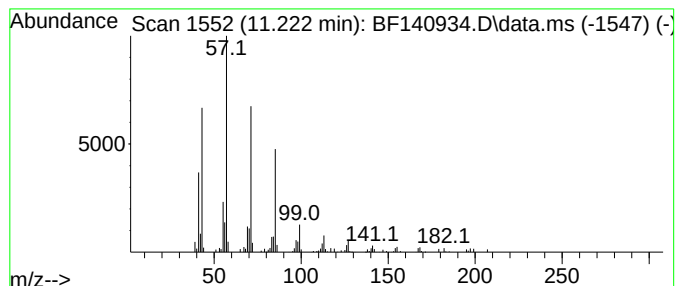
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	5.20 ng	97750	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetradecane	198	C14H30	000629-59-4	91
5			Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
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Sample : P5312-01
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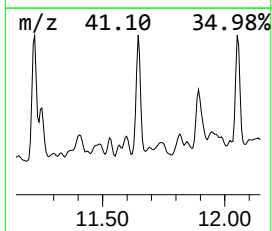
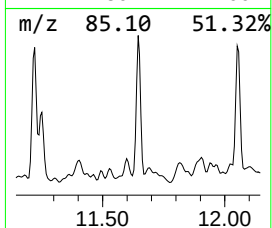
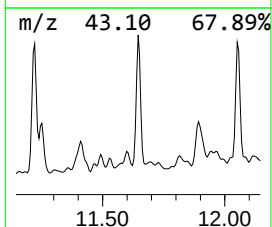
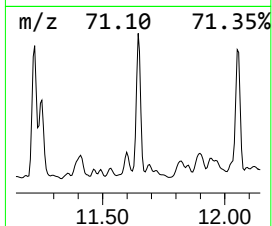
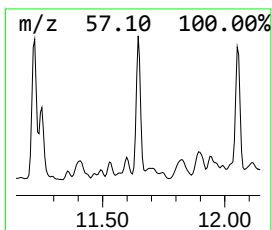
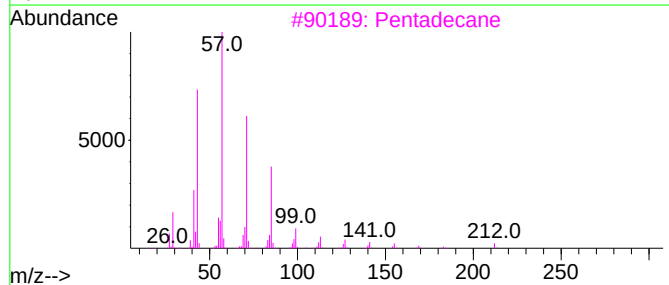
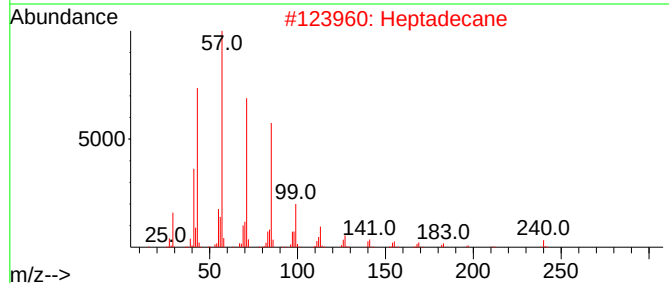
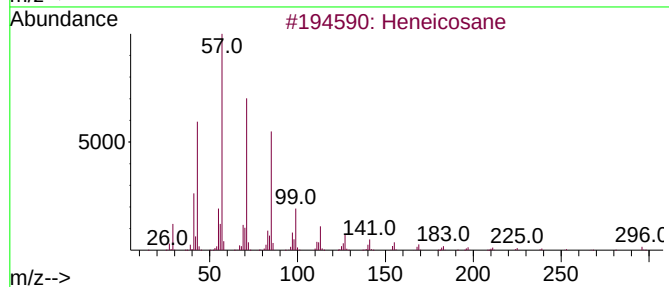
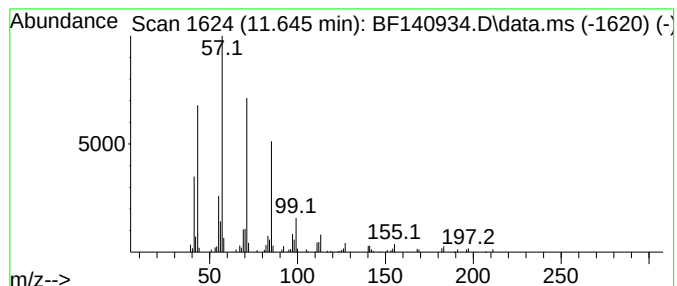
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
11.645	4.56 ng	85663	Phenanthrene-d10		11.375	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	87
3	Pentadecane		212	C15H32	000629-62-9	87
4	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	86
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

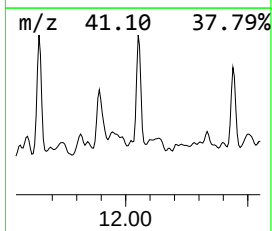
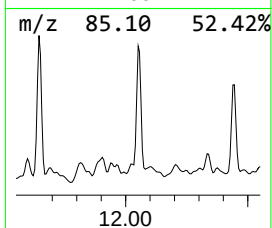
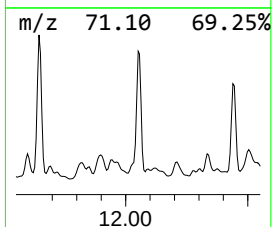
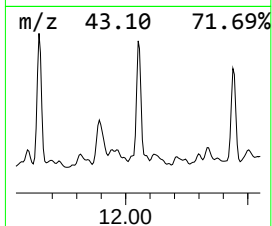
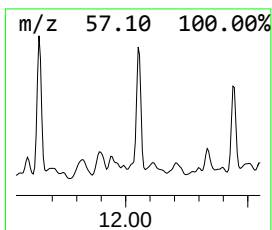
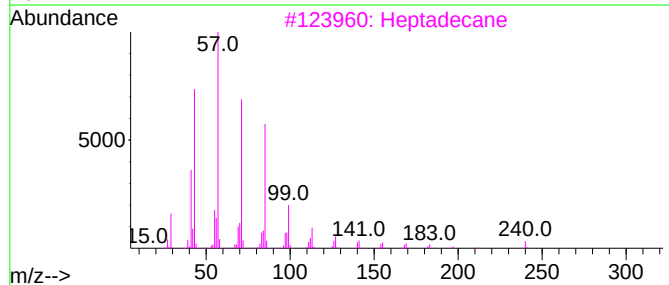
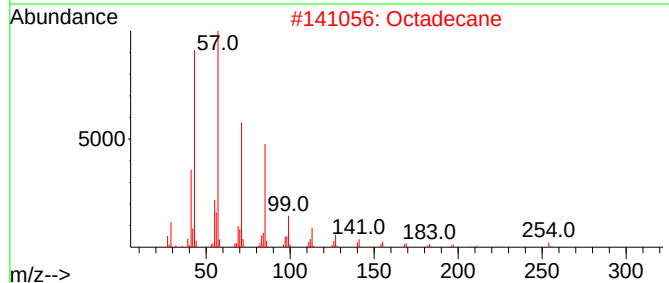
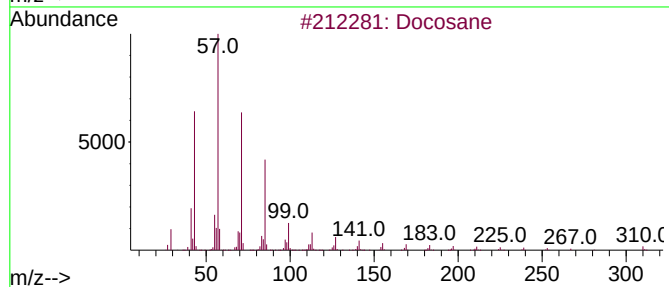
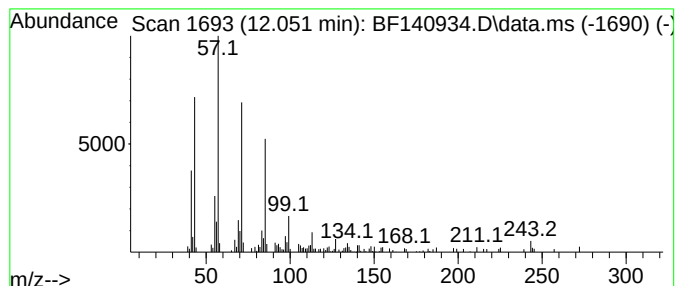
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BNA_F
ClientSampleId :
SOIL-VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Docosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.051	4.64 ng	87276	Phenanthrene-d10	11.375	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	83
2	Octadecane	254	C18H38	000593-45-3	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-VNJ-222

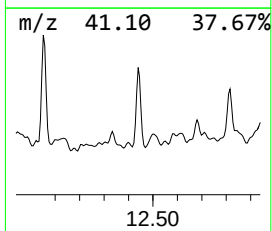
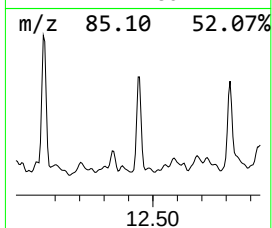
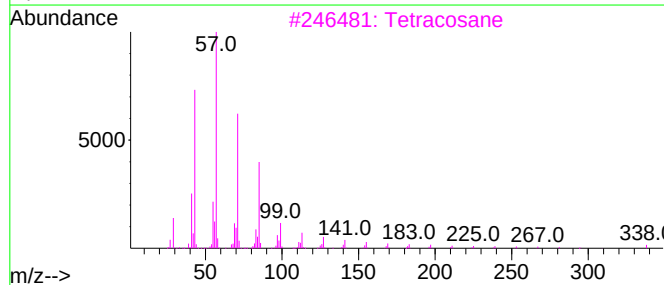
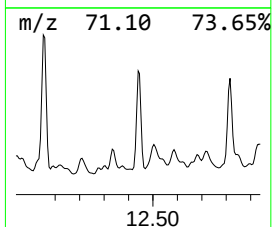
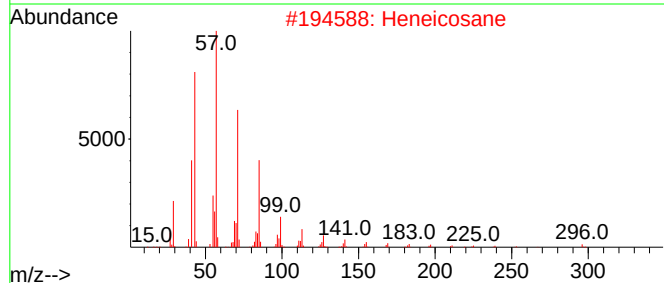
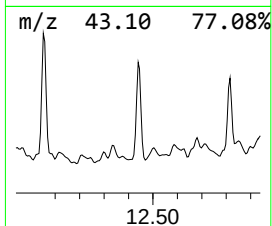
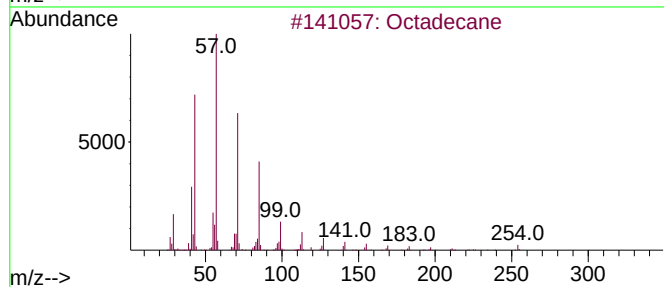
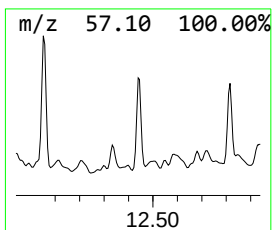
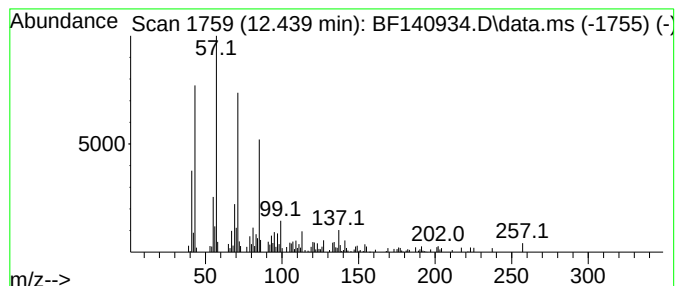
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	4.41 ng	82940	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	83
2			Heneicosane	296	C21H44	000629-94-7	74
3			Tetracosane	338	C24H50	000646-31-1	74
4			Pentadecane	212	C15H32	000629-62-9	72
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-VNJ-222

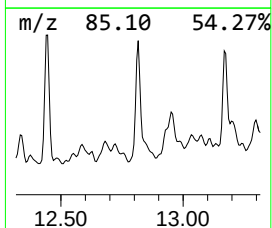
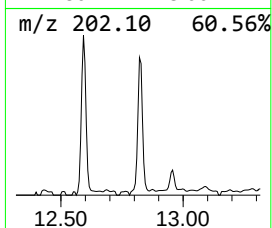
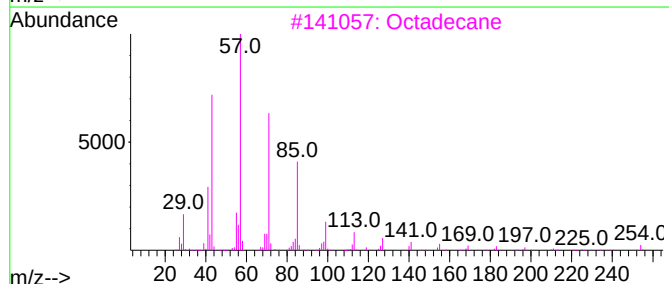
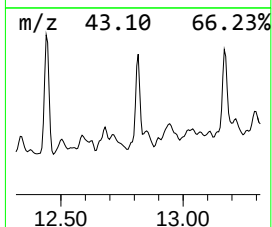
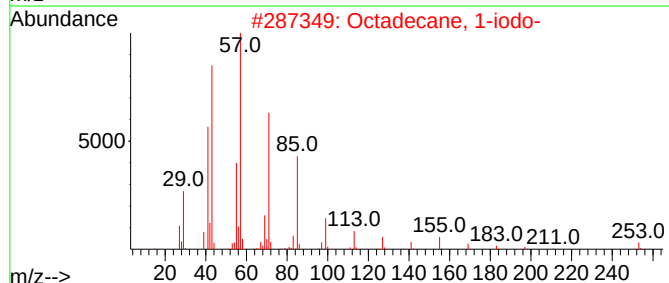
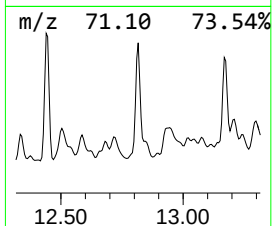
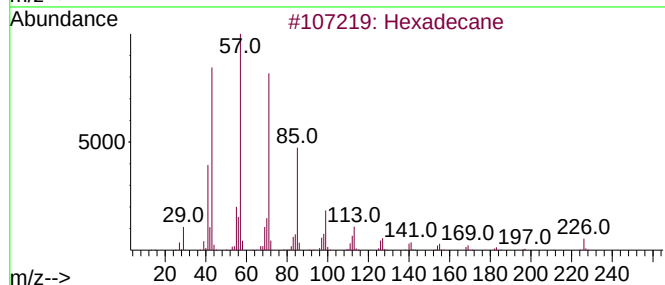
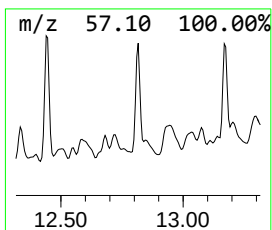
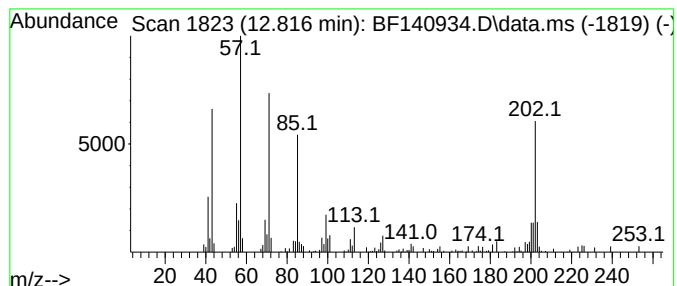
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	4.02 ng	79064	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	64
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	52
3			Octadecane	254	C18H38	000593-45-3	52
4			Tetradecane	198	C14H30	000629-59-4	52
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-VNJ-222

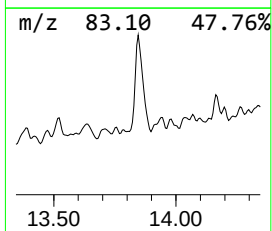
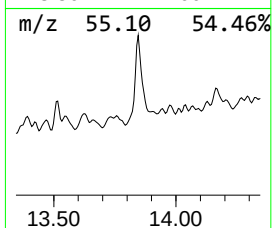
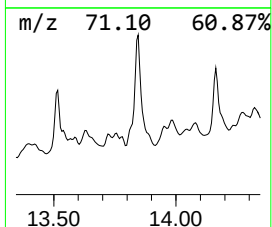
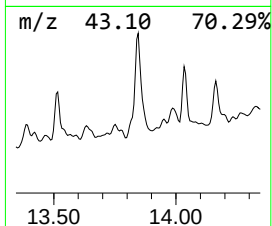
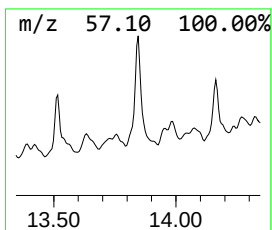
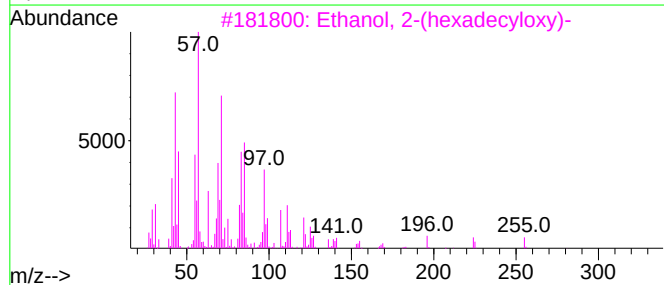
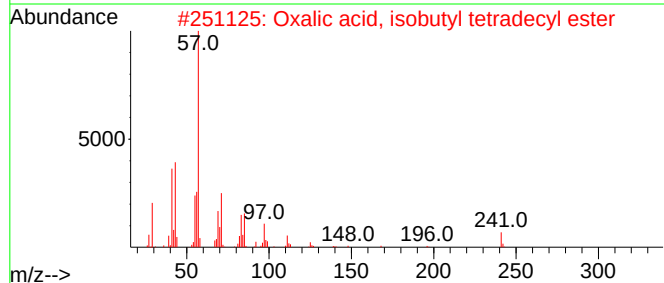
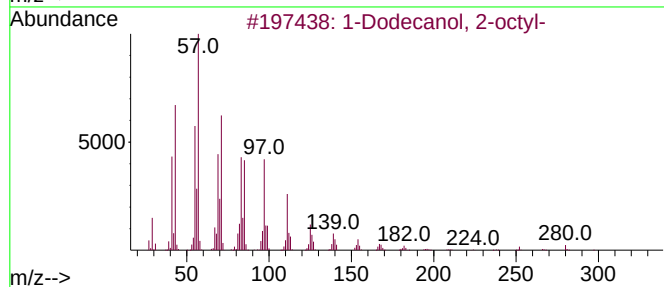
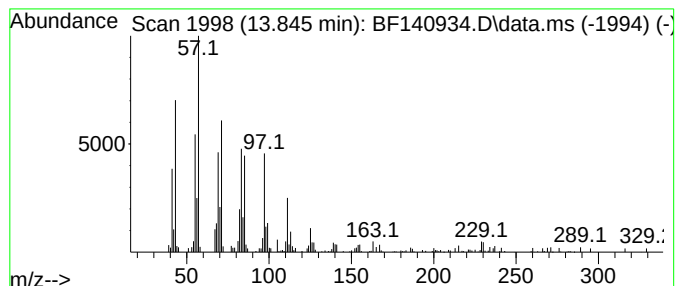
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Dodecanol, 2-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	7.37 ng	145051	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3			Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
4			Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
5			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
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Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

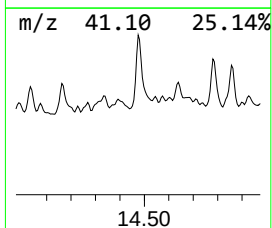
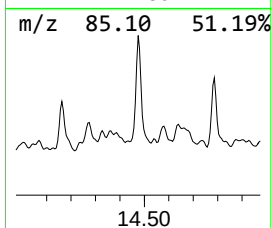
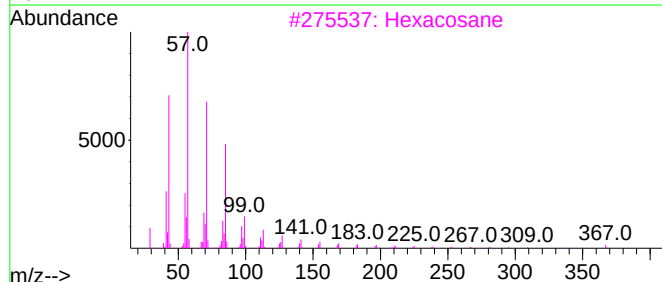
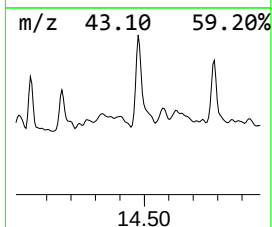
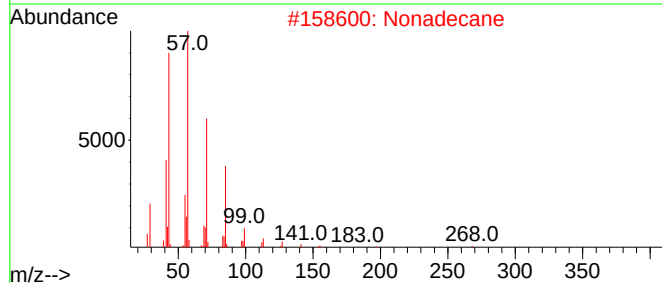
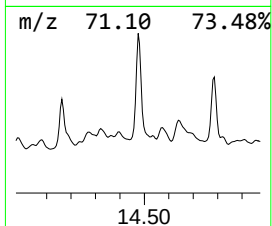
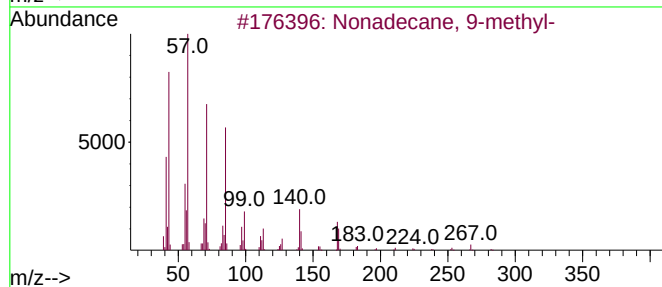
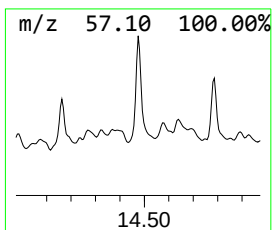
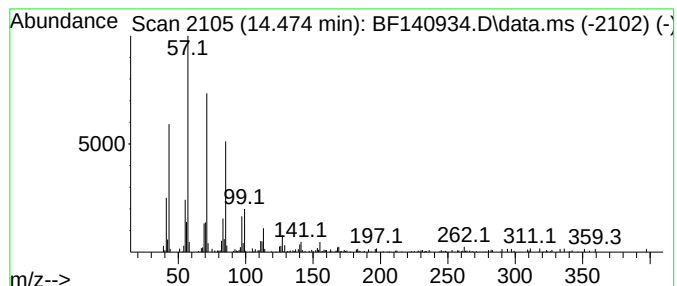
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.474	4.81 ng	94593	Chrysene-d12	14.027	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
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Sample : P5312-01
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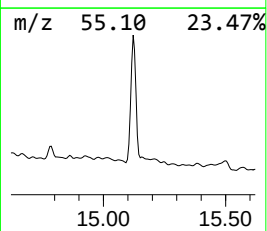
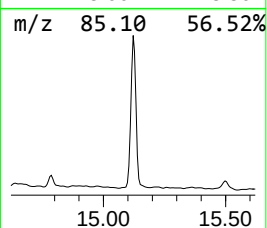
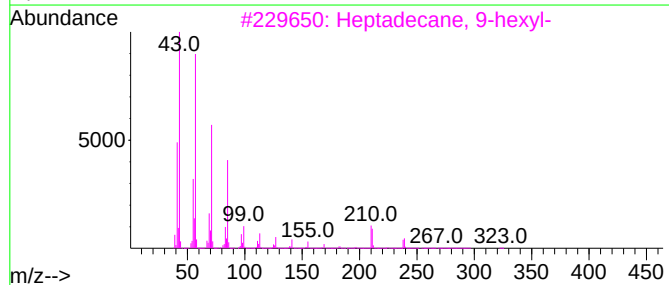
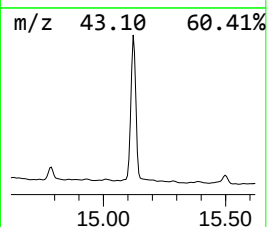
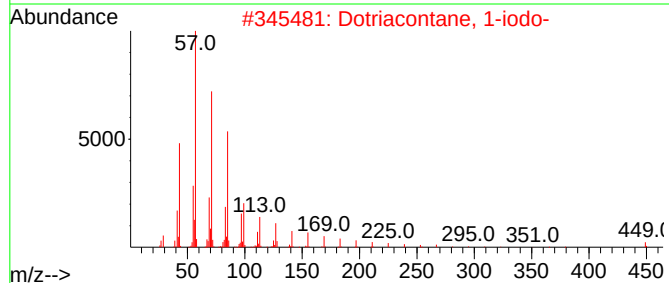
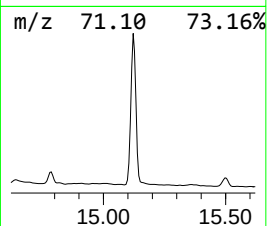
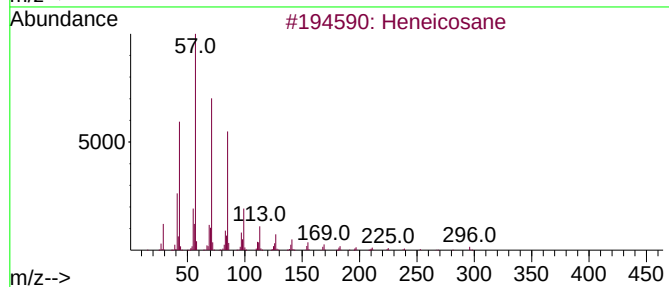
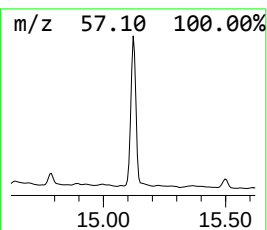
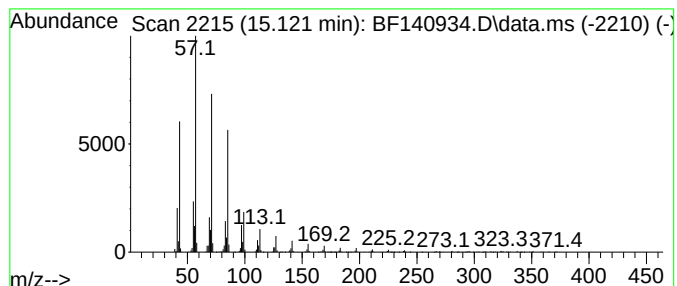
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dotriacontane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.121	51.62 ng	718746	Perylene-d12	15.521	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
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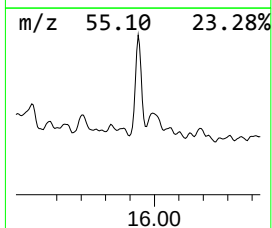
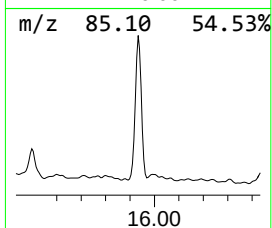
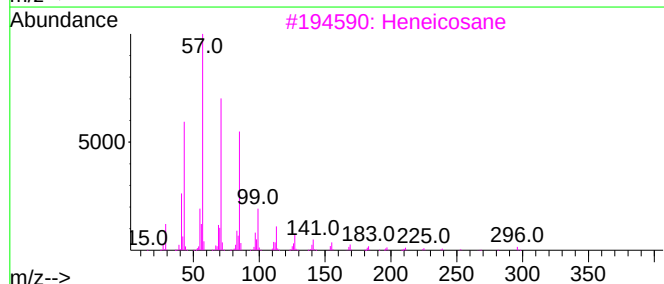
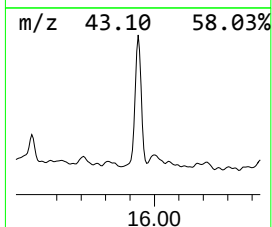
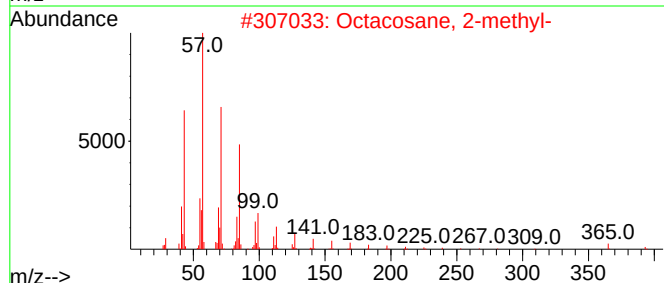
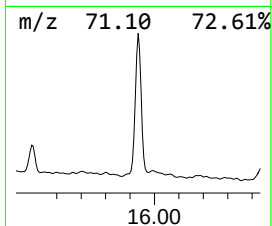
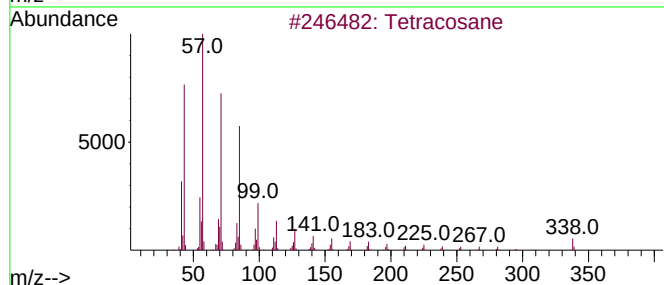
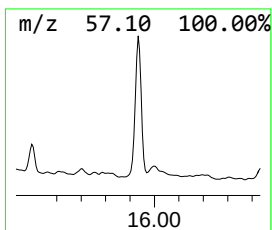
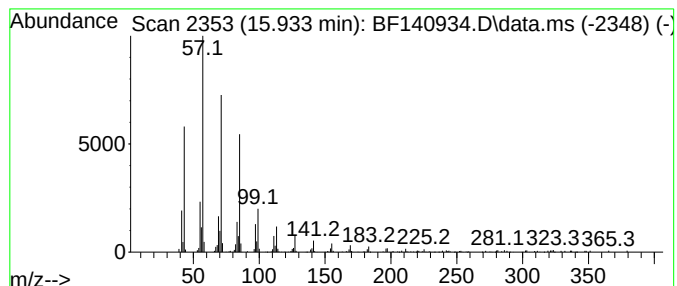
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.933	16.56 ng	230577	Perylene-d12	15.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	95
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-VNJ-222

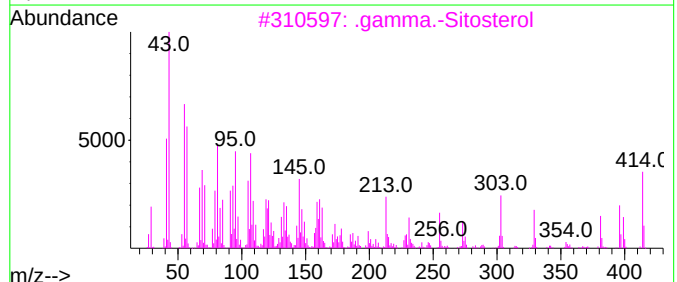
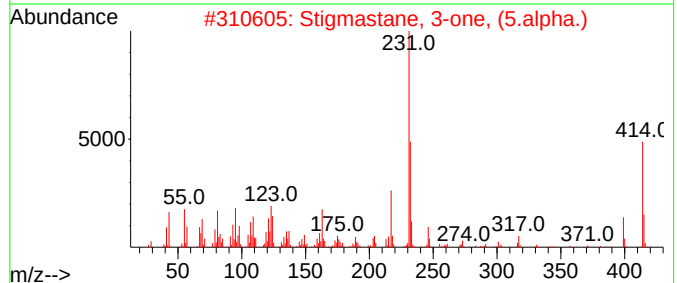
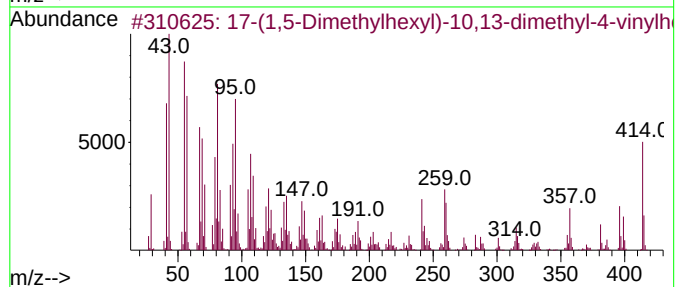
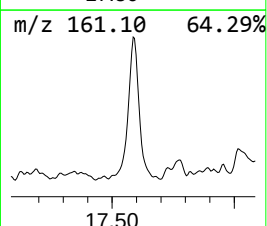
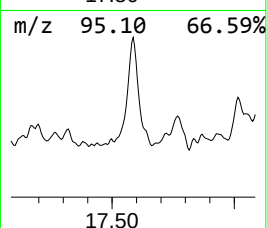
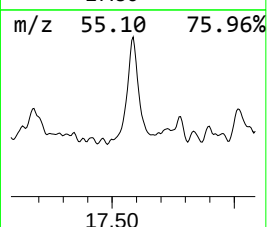
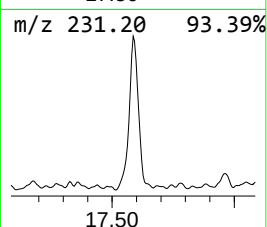
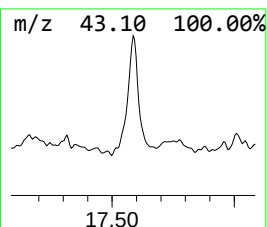
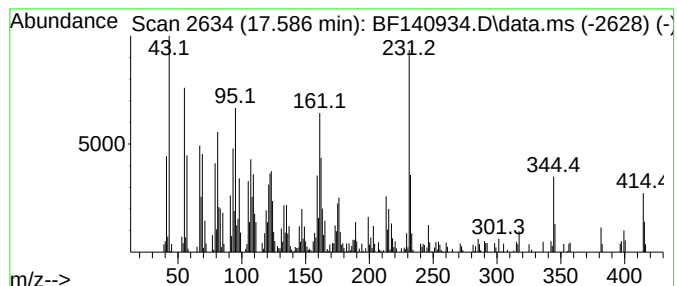
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-vinyl-10,13-dimethyl-4-vinyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.586	27.82 ng	387345	Perylene-d12	15.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dimethyl-4-vinyl-10,13-dimethyl-4-vinyl	414	C29H50O	1000210-86-9	74		
2	Stigmastane, 3-one, (5.alpha.)	414	C29H50O	1000437-00-8	70		
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	62		
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	38		
5	3-(3,5-Dimethylpyrazol-1-yl)-4-(... 246	C10H10N6O2	1000436-49-9	38			



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-VNJ-222

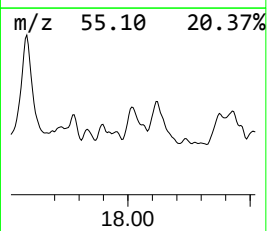
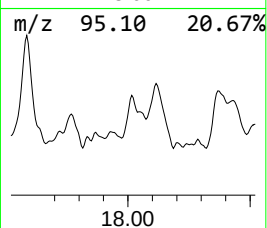
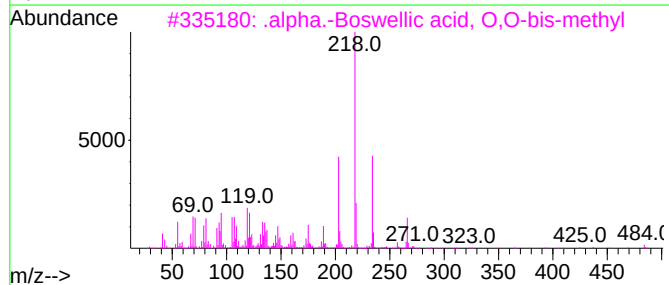
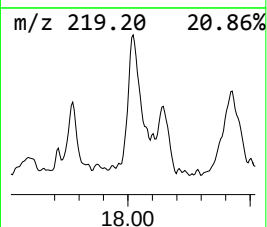
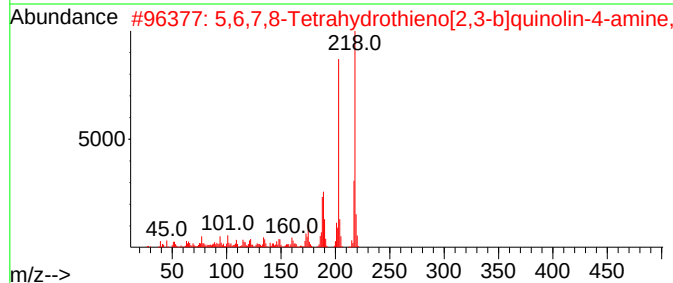
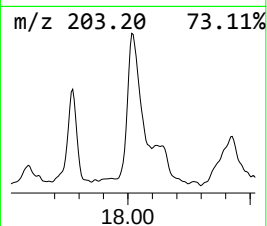
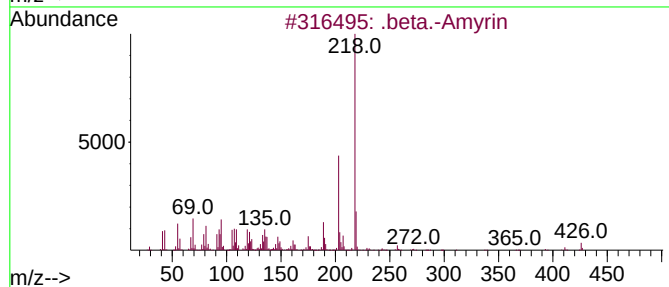
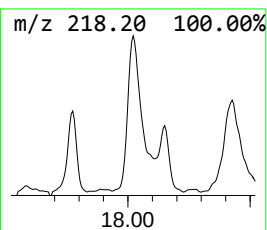
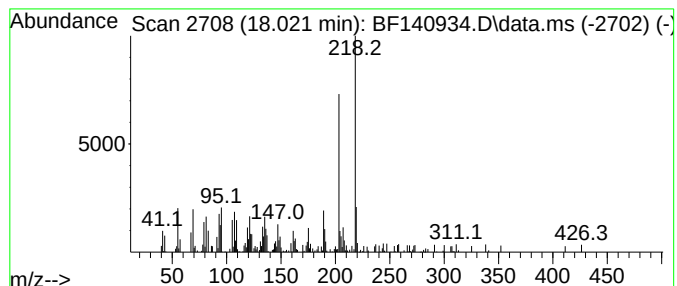
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-Amyrin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.021	11.27 ng	156946	Perylene-d12	15.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Amyrin	426	C30H50O	000559-70-6	96	
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	218	C12H14N2S	134315-44-9	76		
3	.alpha.-Boswellic acid, 0,0-bis-...	484	C32H52O3	1010507-05-0	74		
4	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	62		
5	1H-1,3-Benzodiazole-5-carbaldehy...	218	C11H14N2OSi	1000478-28-4	58		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140934.D
Acq On : 19 Dec 2024 18:41
Operator : RC/JU
Sample : P5312-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.069	4.3	ng	57206	1	6.851	264174	20.0
Tridecane	8.704	4.3	ng	71580	2	8.128	329558	20.0
Tetradecane	9.269	4.4	ng	77556	3	9.881	352597	20.0
2,6,10-Trimethy...	9.586	3.9	ng	69399	3	9.881	352597	20.0
Pentadecane	9.798	6.0	ng	105815	3	9.881	352597	20.0
Heptadecane	10.298	6.7	ng	117598	3	9.881	352597	20.0
Pentadecane, 2,...	10.516	4.0	ng	70678	3	9.881	352597	20.0
Benzophenone	10.592	6.6	ng	116649	3	9.881	352597	20.0
Tridecane, 1-iodo-	10.775	7.7	ng	145316	4	11.375	375893	20.0
Nonadecane	11.222	5.2	ng	97750	4	11.375	375893	20.0
Heneicosane	11.645	4.6	ng	85663	4	11.375	375893	20.0
Docosane	12.051	4.6	ng	87276	4	11.375	375893	20.0
Octadecane	12.439	4.4	ng	82940	4	11.375	375893	20.0
Hexadecane	12.816	4.0	ng	79064	5	14.027	393503	20.0
1-Dodecanol, 2-...	13.845	7.4	ng	145051	5	14.027	393503	20.0
Nonadecane, 9-m...	14.474	4.8	ng	94593	5	14.027	393503	20.0
Dotriacontane, ...	15.121	51.6	ng	718746	6	15.521	278454	20.0
Tetracosane	15.933	16.6	ng	230577	6	15.521	278454	20.0
17-(1,5-Dimethy...	17.586	27.8	ng	387345	6	15.521	278454	20.0
.beta.-Amyrin	18.021	11.3	ng	156946	6	15.521	278454	20.0