

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142681.D
 Acq On : 07 Jun 2025 09:58
 Operator : RC/JU
 Sample : Q2223-01 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-06042025

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	488	493	503	rBV	28158	41171	3.02%	0.235%
2	5.504	555	563	583	rBV	301672	403219	29.61%	2.305%
3	6.516	730	735	742	rBV	276210	377702	27.74%	2.159%
4	6.893	794	799	806	rVB	535394	659419	48.43%	3.769%
5	7.163	840	845	849	rBV5	12309	19289	1.42%	0.110%
6	7.287	860	866	869	rBV3	19161	32268	2.37%	0.184%
7	7.451	884	894	898	rBV	184982	280973	20.63%	1.606%
8	7.487	898	900	904	rVB	29676	32715	2.40%	0.187%
9	7.534	904	908	912	rVB5	21835	35254	2.59%	0.201%
10	7.587	912	917	922	rBV3	18451	44069	3.24%	0.252%
11	7.698	933	936	944	rVB	54994	86940	6.38%	0.497%
12	7.793	945	952	953	rBV4	25179	47170	3.46%	0.270%
13	7.816	953	956	960	rVB3	38336	42165	3.10%	0.241%
14	7.857	960	963	966	rBV3	27397	35978	2.64%	0.206%
15	7.887	966	968	971	rVB3	24580	25394	1.86%	0.145%
16	7.922	971	974	978	rBV	32229	41757	3.07%	0.239%
17	7.969	978	982	984	rBV3	33468	39431	2.90%	0.225%
18	7.998	984	987	992	rVB5	19194	32275	2.37%	0.184%
19	8.051	992	996	998	rBV3	24945	33141	2.43%	0.189%
20	8.081	998	1001	1004	rBV2	31461	36273	2.66%	0.207%
21	8.128	1005	1009	1010	rBV3	30097	38967	2.86%	0.223%
22	8.181	1010	1018	1022	rVV	580431	870278	63.91%	4.974%
23	8.234	1023	1027	1030	rVB	142044	166363	12.22%	0.951%
24	8.269	1030	1033	1039	rVB4	44754	84480	6.20%	0.483%
25	8.351	1040	1047	1049	rBV3	46740	103724	7.62%	0.593%
26	8.469	1063	1067	1072	rBV4	119763	185291	13.61%	1.059%
27	8.522	1073	1076	1078	rVV3	50480	63304	4.65%	0.362%
28	8.551	1078	1081	1085	rVV2	58451	74941	5.50%	0.428%
29	8.592	1085	1088	1100	rVB	206204	384459	28.23%	2.197%
30	8.687	1100	1104	1106	rBV2	38893	57683	4.24%	0.330%
31	8.763	1113	1117	1121	rBV	209227	279424	20.52%	1.597%
32	8.857	1130	1133	1137	rVB2	102691	141097	10.36%	0.806%
33	8.928	1142	1145	1147	rBV3	38058	46115	3.39%	0.264%
34	9.051	1162	1166	1170	rBV5	91413	165414	12.15%	0.945%
35	9.128	1176	1179	1183	rVB2	93812	114085	8.38%	0.652%
36	9.169	1183	1186	1187	rBV	77472	75947	5.58%	0.434%

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37	9.192	1187	1190	1196	rVB	241946	314369	23.09%	1.797%
38	9.251	1196	1200	1205	rBV	356739	430859	31.64%	2.463%
39	9.334	1209	1214	1218	rBV	402281	578270	42.47%	3.305%
40	9.587	1251	1257	1259	rBV4	86001	193725	14.23%	1.107%
41	9.651	1263	1268	1275	rVV2	425712	806083	59.20%	4.607%
42	9.710	1275	1278	1282	rVB2	123101	142034	10.43%	0.812%
43	9.863	1300	1304	1308	rVB	376548	481496	35.36%	2.752%
44	9.934	1312	1316	1320	rVB	526300	667972	49.05%	3.818%
45	10.092	1340	1343	1345	rBV	97966	138853	10.20%	0.794%
46	10.186	1355	1359	1362	rBV3	174382	252836	18.57%	1.445%
47	10.363	1384	1389	1392	rBV	480833	658315	48.34%	3.763%
48	10.581	1421	1426	1432	rBV	405955	646403	47.47%	3.695%
49	10.698	1444	1446	1448	rBV3	69068	76959	5.65%	0.440%
50	10.839	1465	1470	1478	rVB	761127	1361704	100.00%	7.783%
51	11.028	1499	1502	1504	rBV	76748	98922	7.26%	0.565%
52	11.281	1541	1545	1548	rBV	476894	642637	47.19%	3.673%
53	11.316	1548	1551	1557	rVB	359450	505232	37.10%	2.888%
54	11.422	1565	1569	1573	rBV	512031	668726	49.11%	3.822%
55	11.663	1607	1610	1614	rVV2	86501	102340	7.52%	0.585%
56	11.710	1614	1618	1622	rVB	433981	514127	37.76%	2.939%
57	12.116	1683	1687	1692	rVB	365753	439913	32.31%	2.514%
58	12.398	1733	1735	1740	rVB	59195	66407	4.88%	0.380%
59	12.504	1750	1753	1758	rVB	286286	354875	26.06%	2.028%
60	12.880	1813	1817	1821	rVB2	206309	264036	19.39%	1.509%
61	13.004	1834	1838	1848	rVB	378520	537677	39.49%	3.073%
62	13.233	1874	1877	1882	rVB	120618	140066	10.29%	0.801%
63	13.574	1932	1935	1940	rVB2	78543	97371	7.15%	0.557%
64	14.063	2014	2018	2030	rVB	473068	641893	47.14%	3.669%
65	15.563	2268	2273	2285	rVB	283088	473534	34.78%	2.707%

Sum of corrected areas: 17495809

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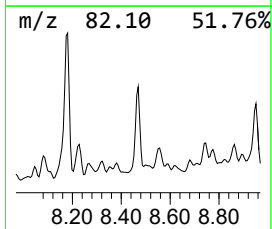
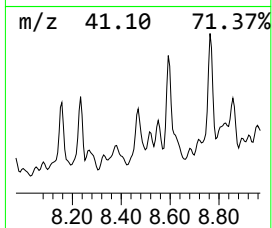
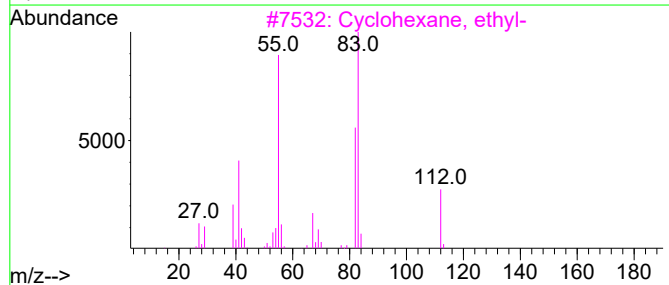
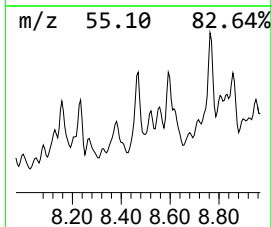
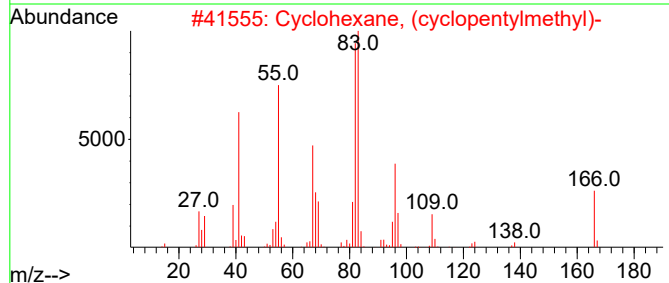
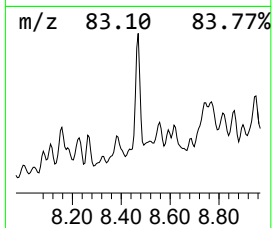
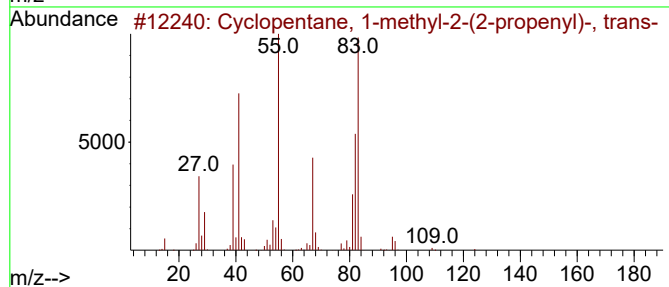
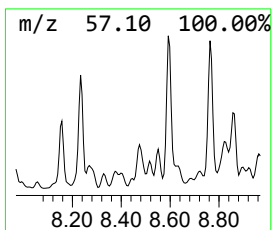
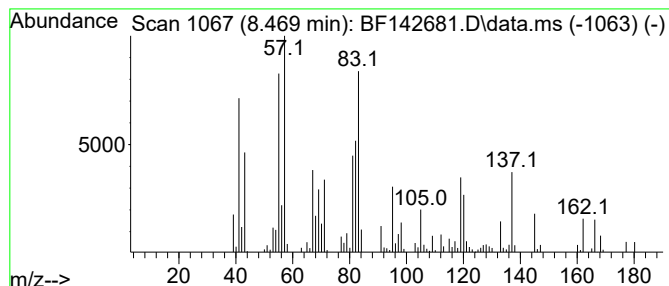
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, 1-methyl-2-(2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.469	4.26 ng	185291	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	60
2			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	43
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	35
5			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	30



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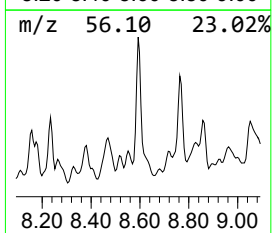
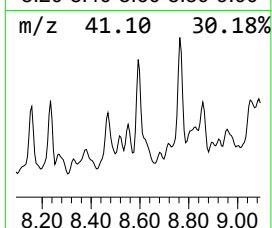
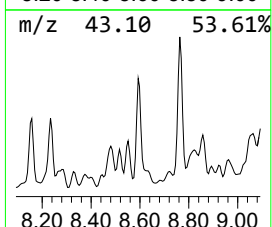
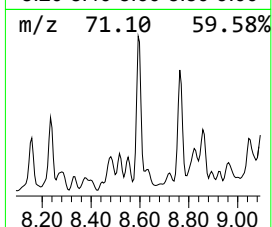
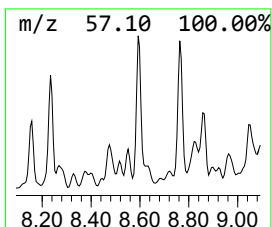
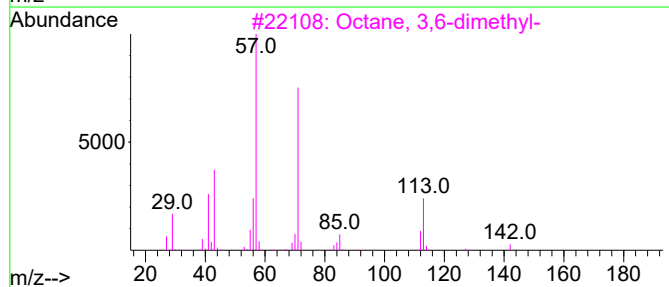
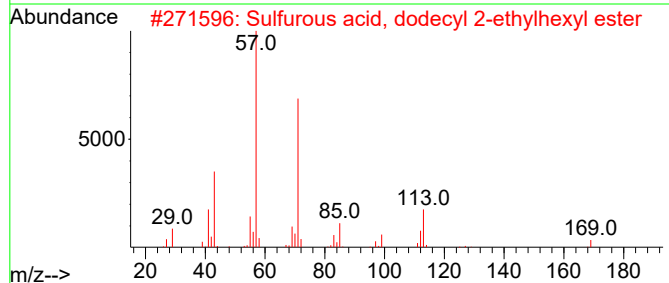
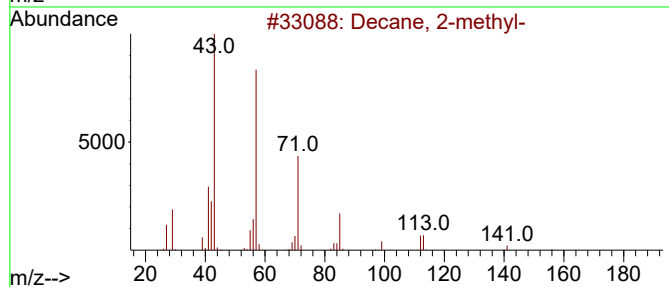
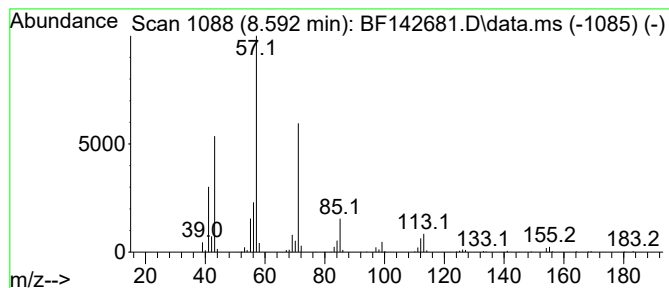
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	8.84 ng	384459	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	78
2			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



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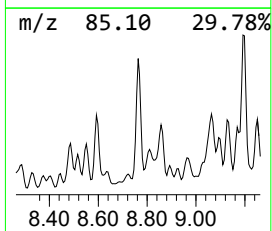
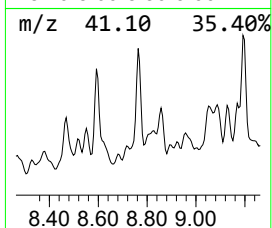
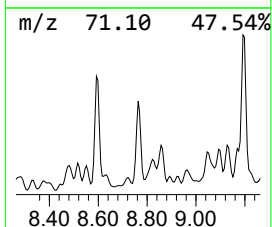
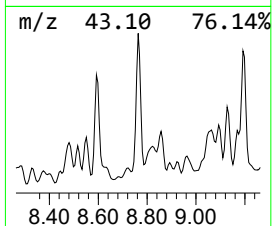
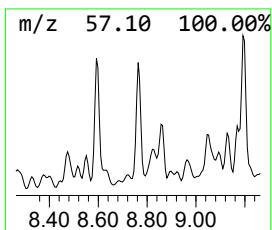
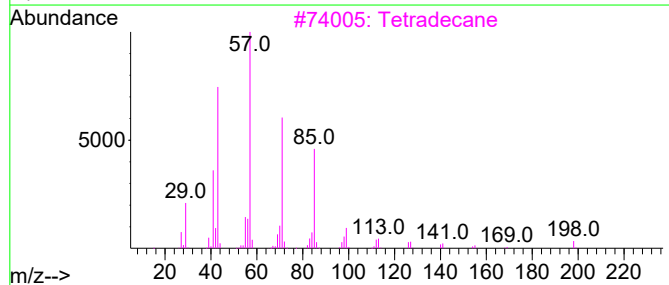
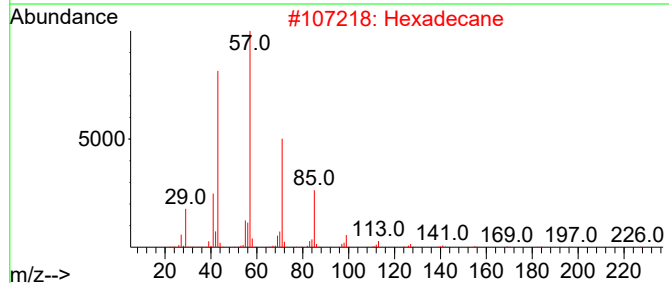
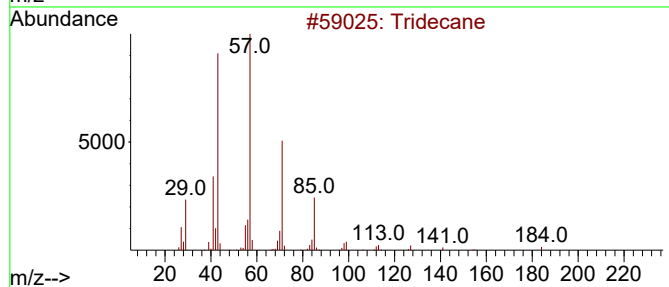
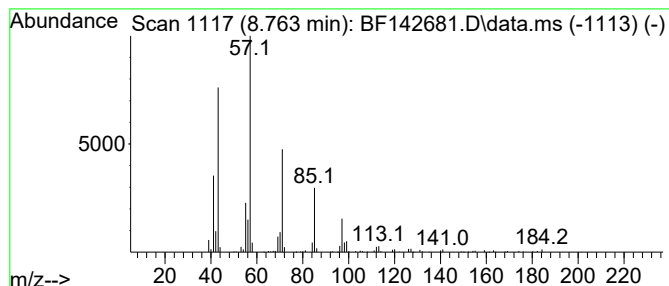
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	6.42 ng	279424	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Undecane	156	C11H24	001120-21-4	72



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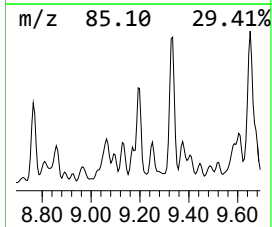
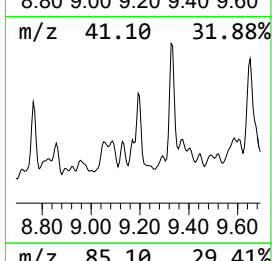
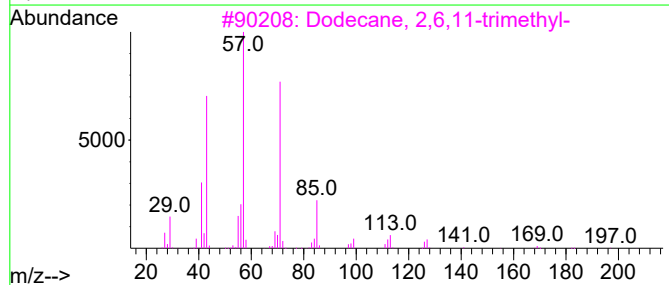
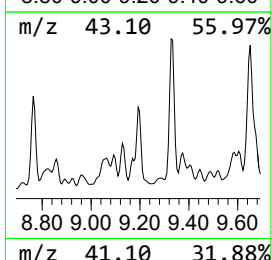
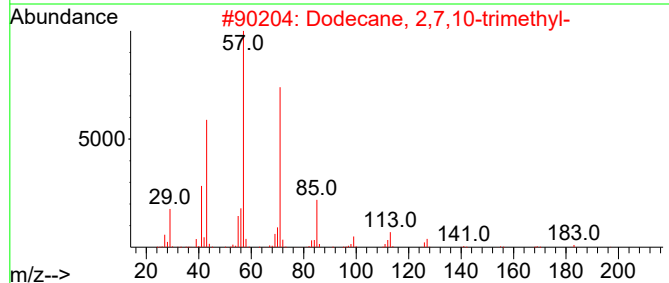
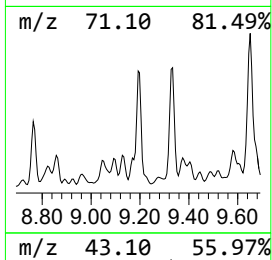
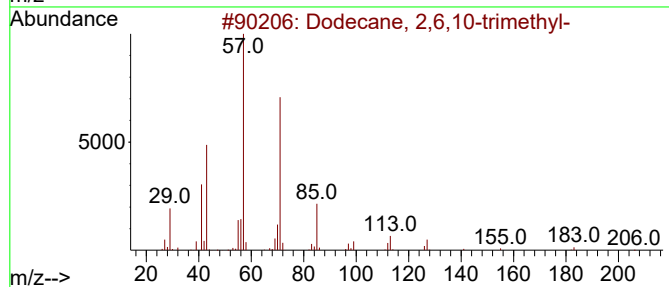
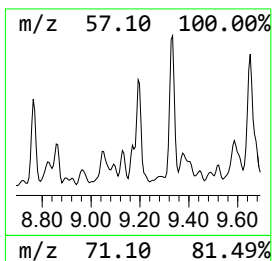
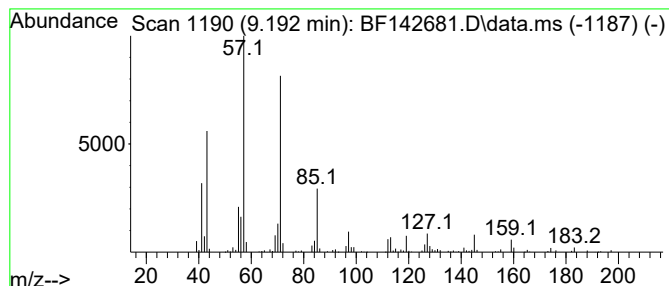
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	9.41 ng	314369	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5			Decane, 5-propyl-	184	C13H28	017312-62-8	53



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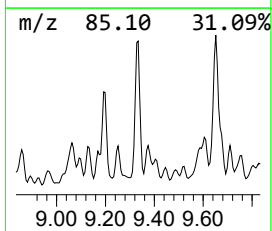
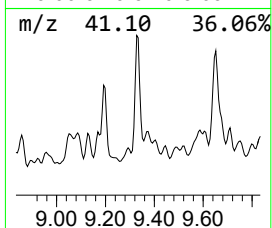
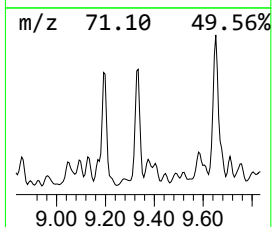
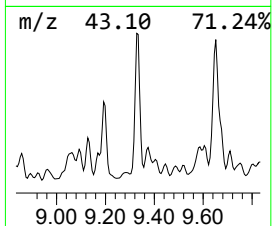
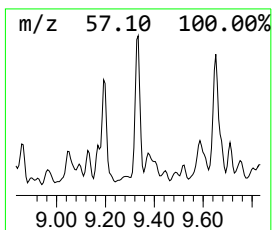
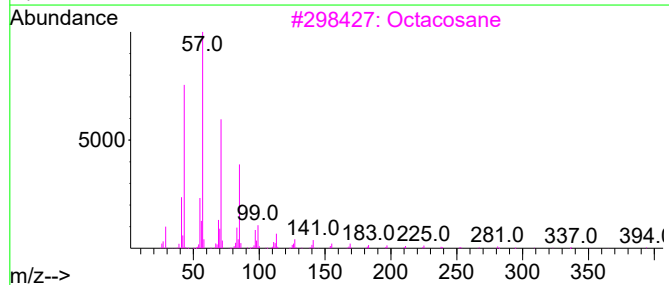
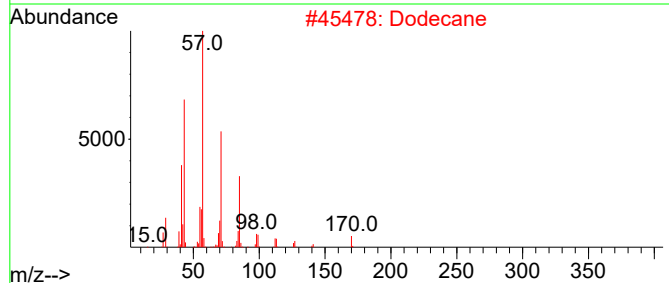
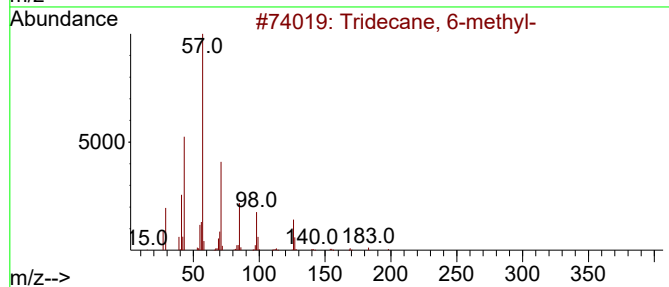
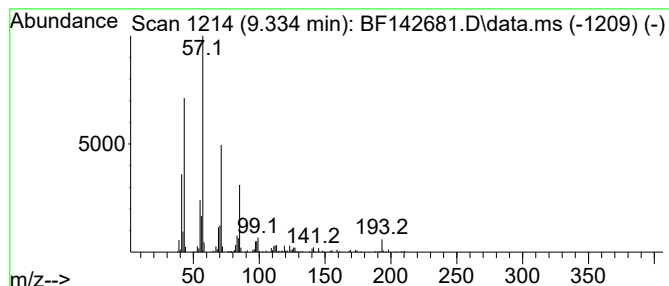
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	17.31 ng	578270	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2			Dodecane	170	C12H26	000112-40-3	86
3			Octacosane	394	C28H58	000630-02-4	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
Acq On : 07 Jun 2025 09:58
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

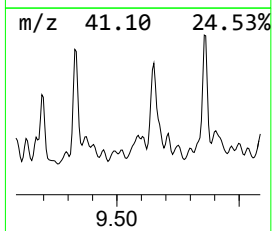
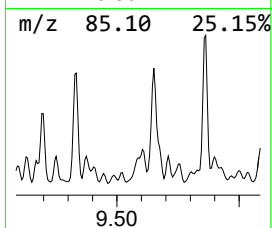
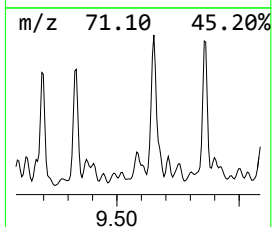
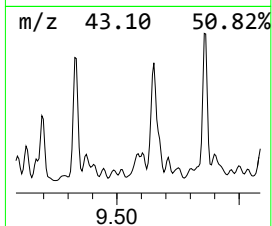
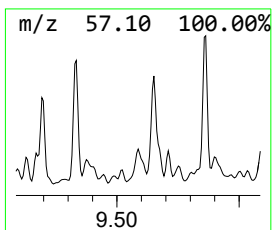
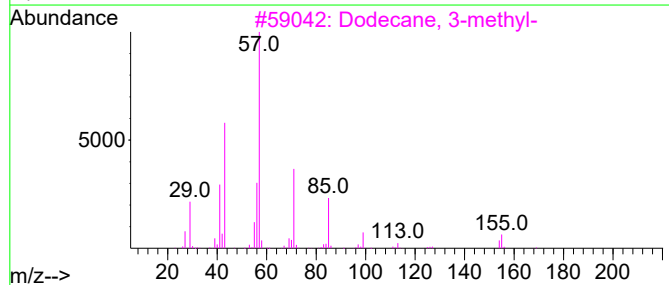
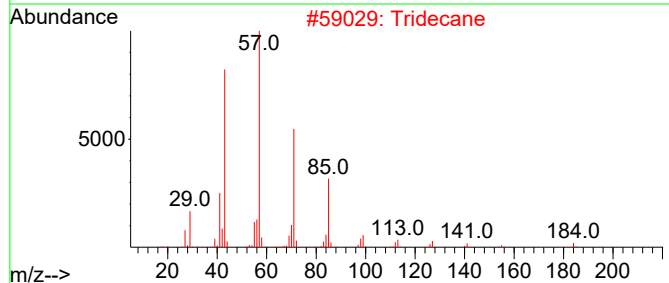
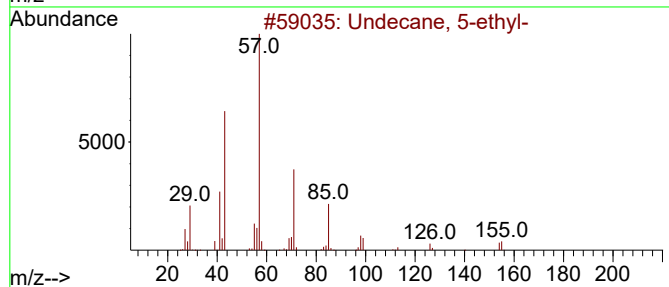
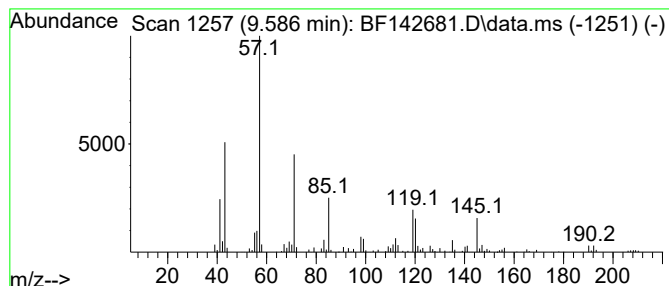
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.586 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.586	5.80 ng	193725	Acenaphthene-d10	9.934	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
2	Tridecane	184	C13H28	000629-50-5	47
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	47
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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ClientSampleId :
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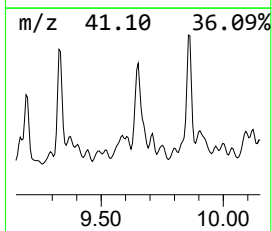
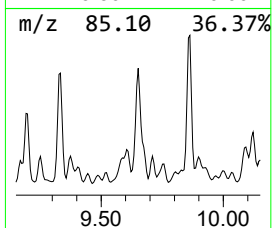
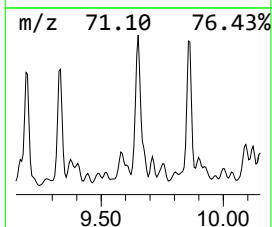
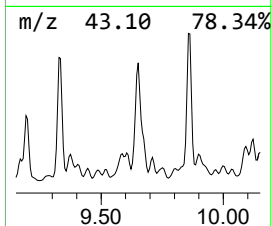
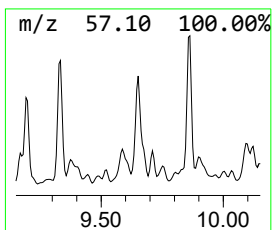
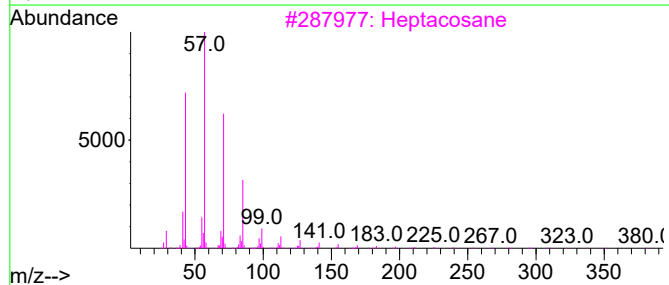
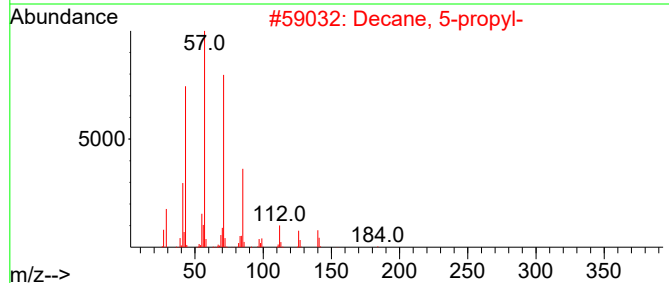
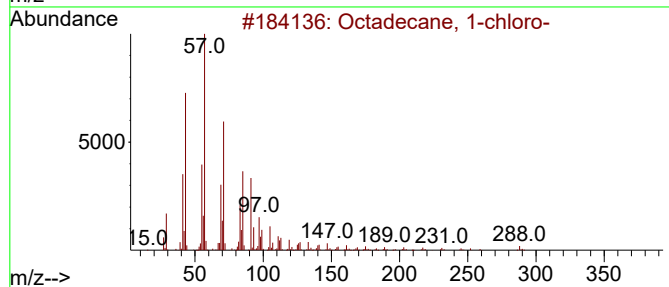
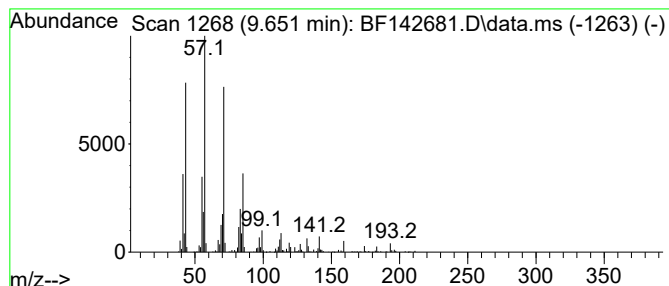
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	24.14 ng	806083	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
2			Decane, 5-propyl-	184	C13H28	017312-62-8	76
3			Heptacosane	380	C27H56	000593-49-7	72
4			Hexadecane	226	C16H34	000544-76-3	68
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
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Operator : RC/JU
Sample : Q2223-01 5X
Misc :
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Instrument :
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ClientSampleId :
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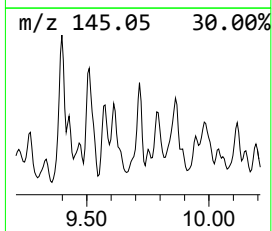
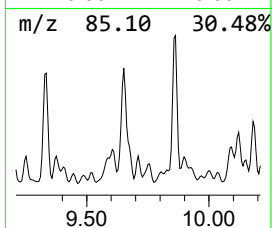
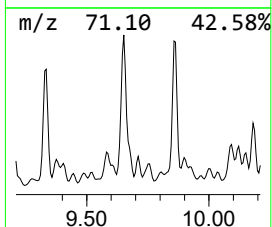
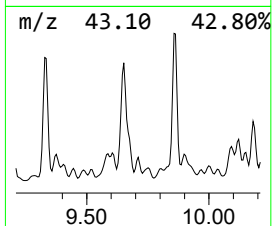
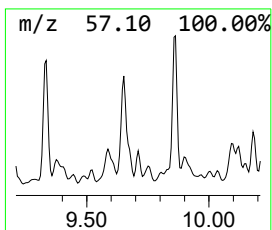
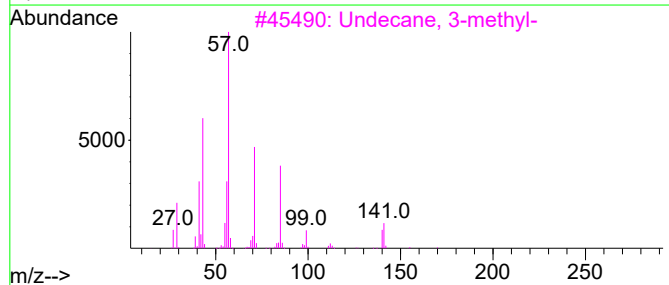
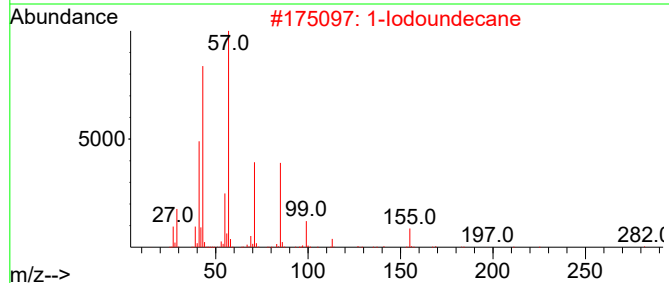
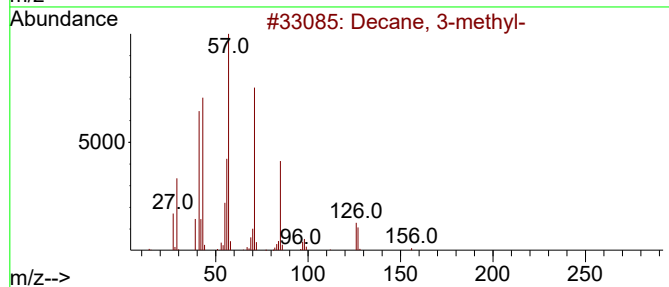
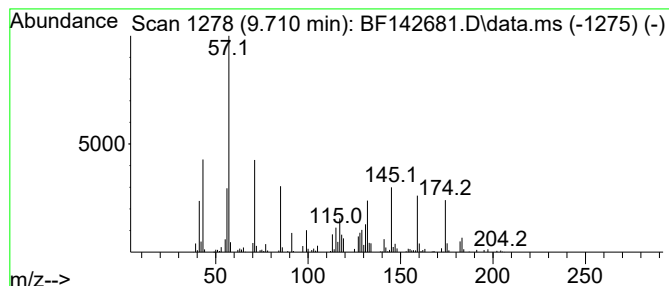
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.710 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	4.25 ng	142034	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	25
2			1-Iodoundecane	282	C11H23I	004282-44-4	22
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	22
4			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	22
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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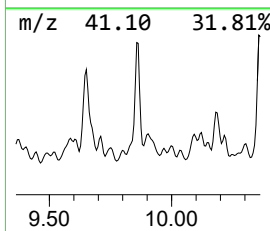
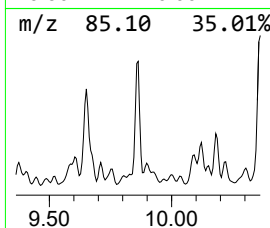
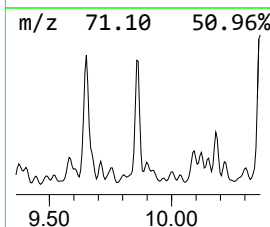
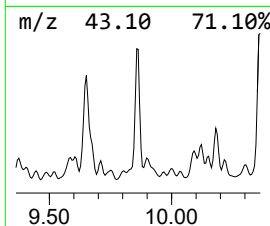
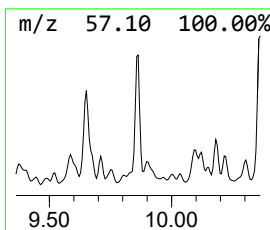
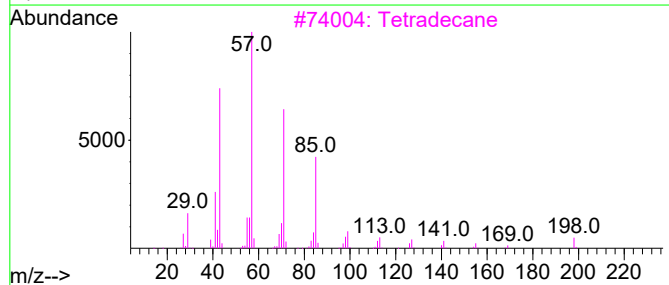
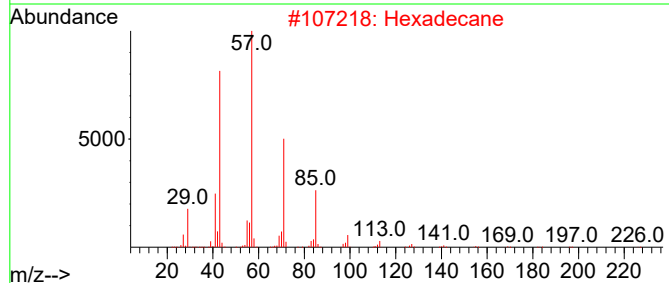
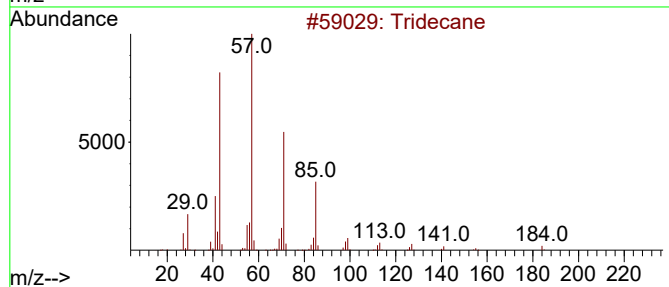
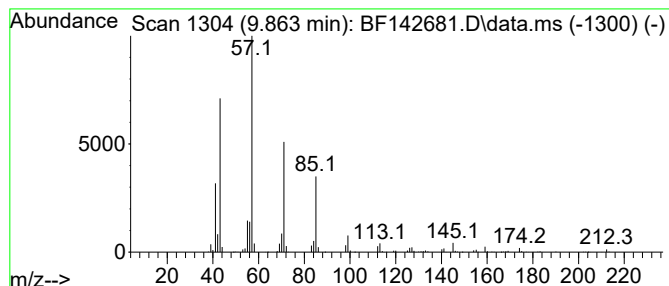
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	14.42 ng	481496	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	86
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Octacosane	394	C28H58	000630-02-4	78
5			Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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Misc :
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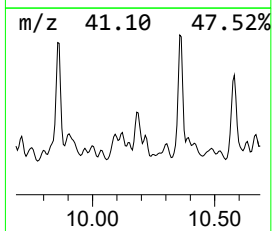
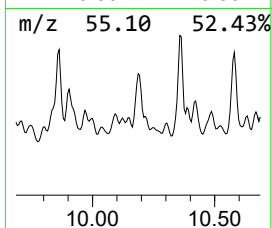
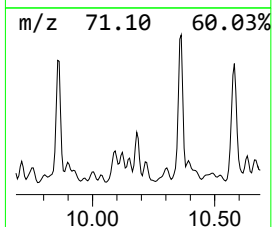
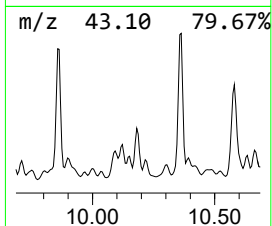
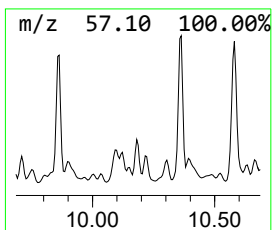
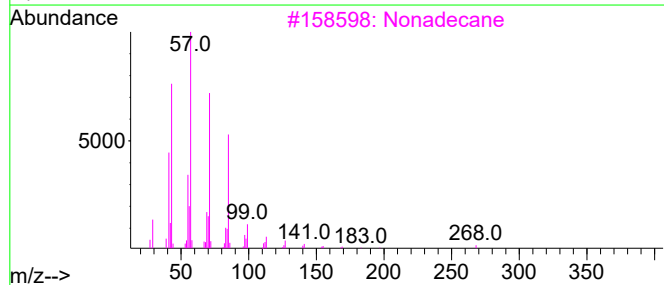
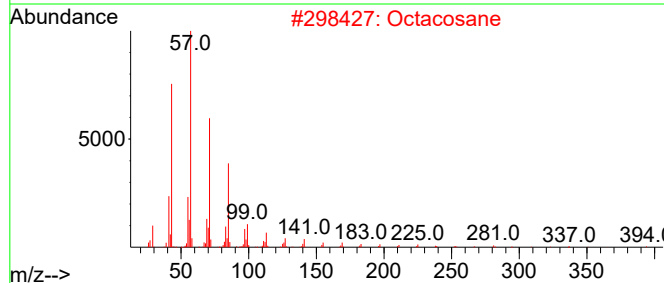
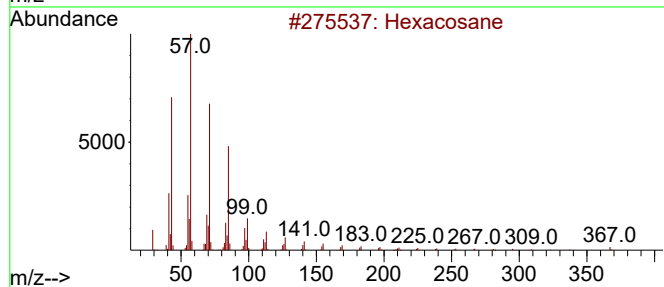
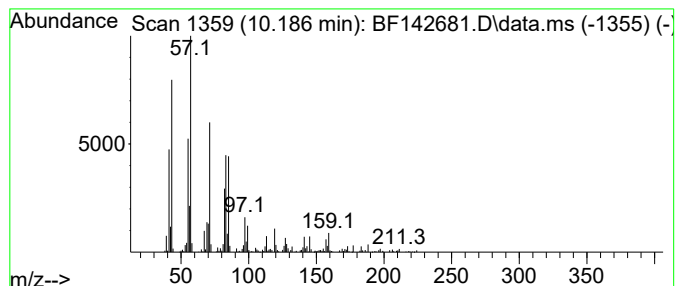
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.187	7.57 ng	252836	Acenaphthene-d10		9.934	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	64
2	Octacosane		394	C28H58	000630-02-4	64
3	Nonadecane		268	C19H40	000629-92-5	64
4	Tetratetracontane		619	C44H90	007098-22-8	62
5	Heptacosane		380	C27H56	000593-49-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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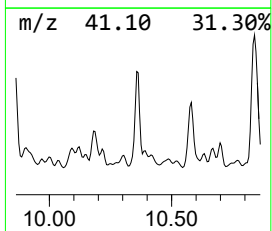
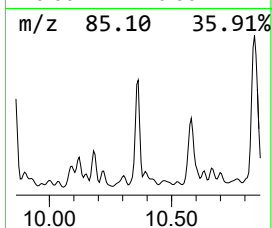
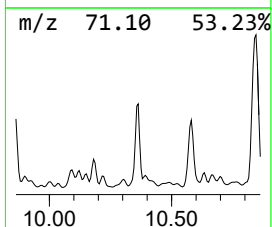
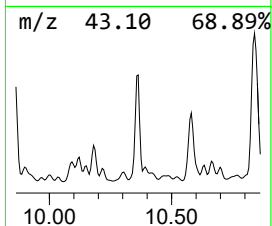
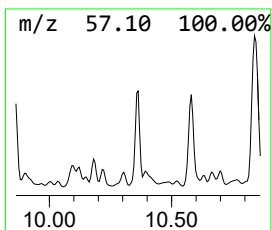
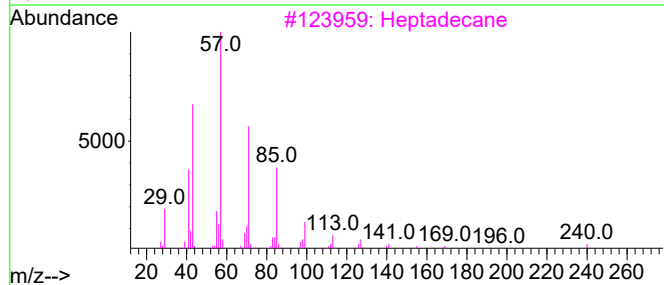
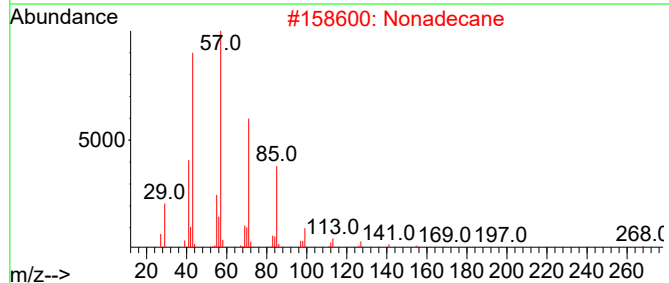
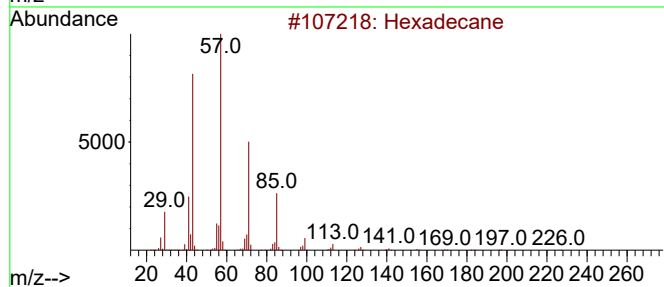
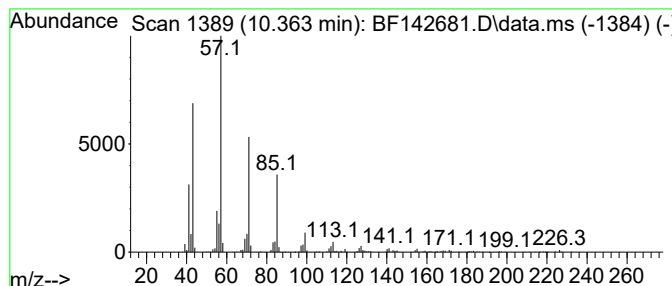
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	19.71 ng	658315	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
Acq On : 07 Jun 2025 09:58
Operator : RC/JU
Sample : Q2223-01 5X
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ALS Vial : 42 Sample Multiplier: 1

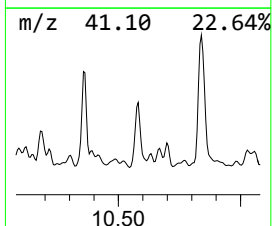
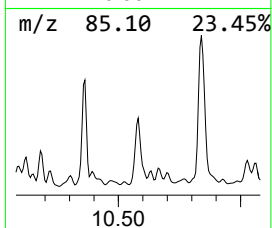
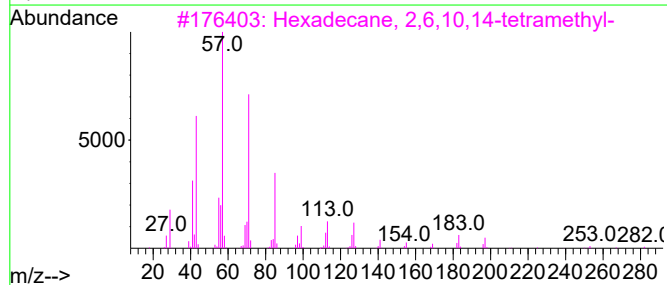
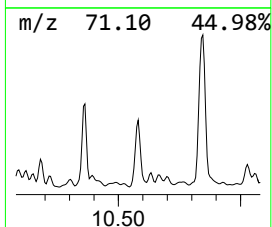
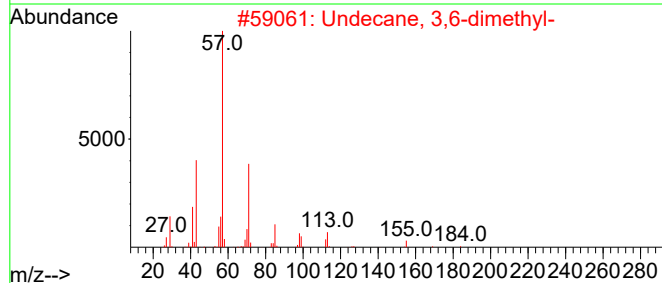
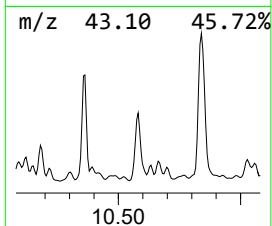
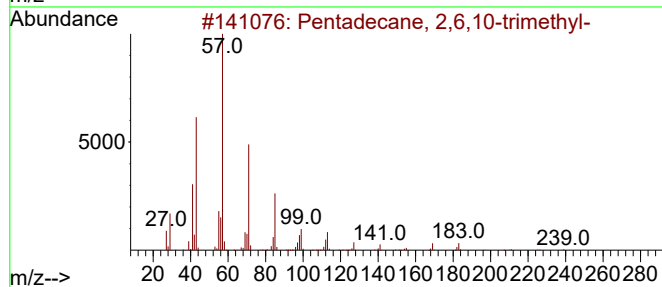
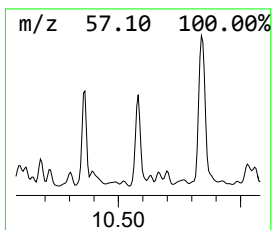
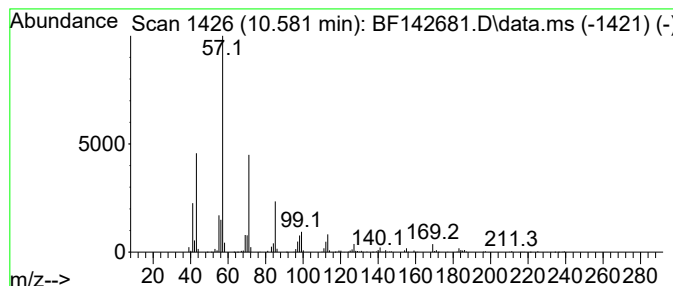
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.581	19.35 ng	646403	Acenaphthene-d10	9.934	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
Acq On : 07 Jun 2025 09:58
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
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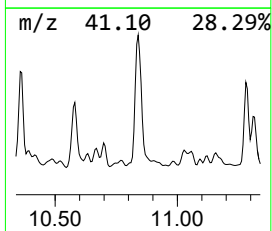
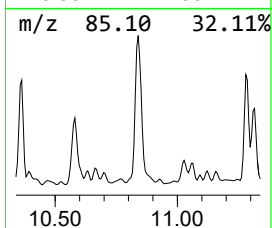
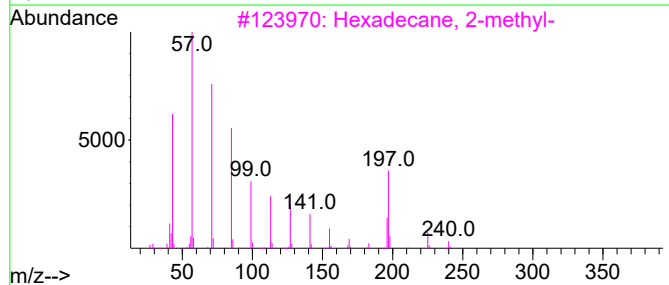
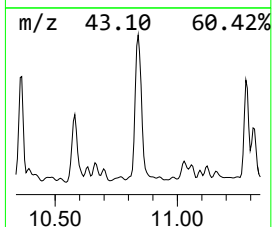
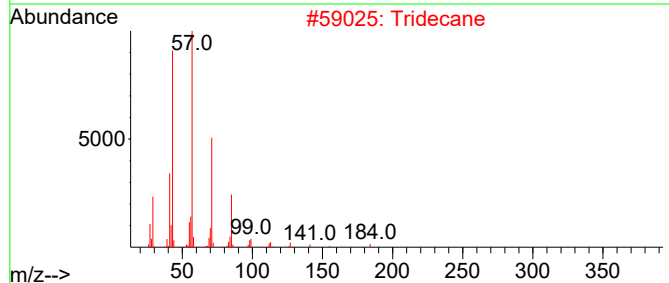
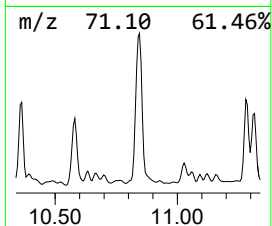
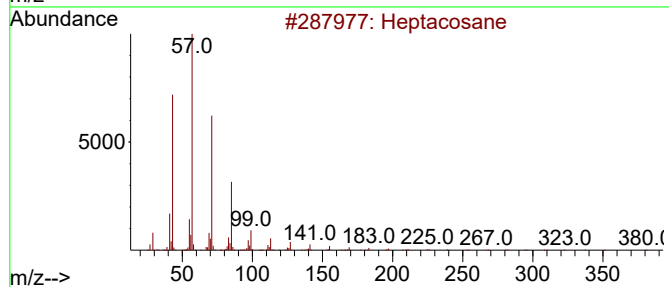
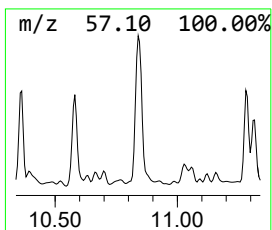
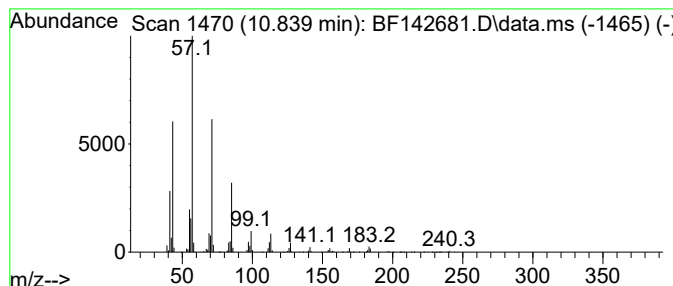
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.839	40.73 ng	1361700	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Tridecane		184	C13H28	000629-50-5	87
3	Hexadecane, 2-methyl-		240	C17H36	001560-92-5	87
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
5	Heneicosane		296	C21H44	000629-94-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
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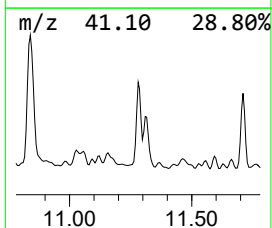
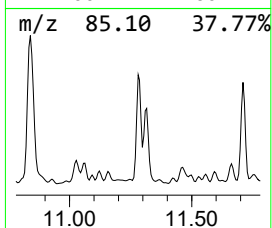
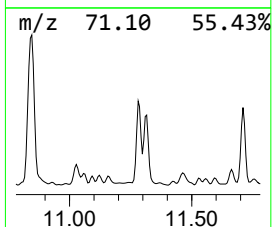
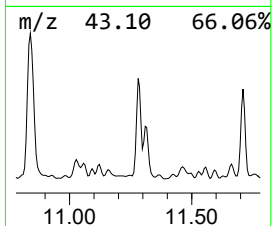
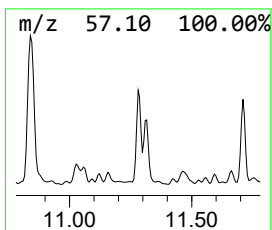
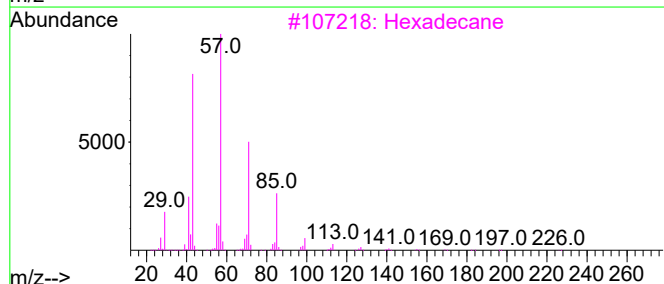
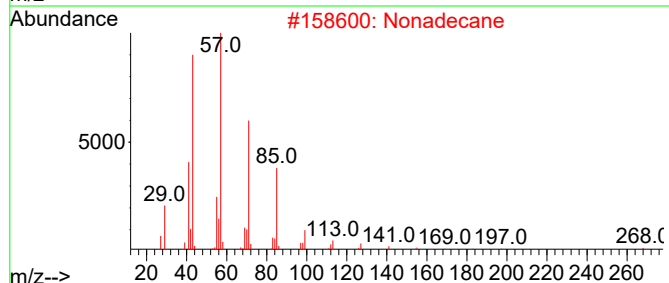
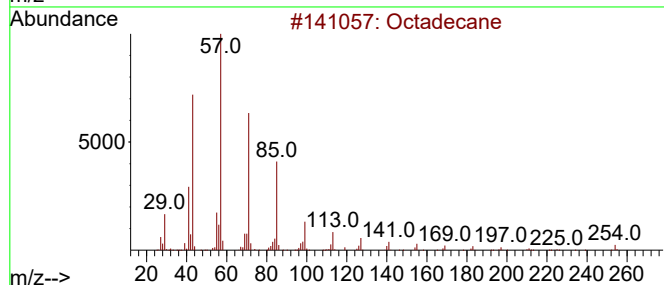
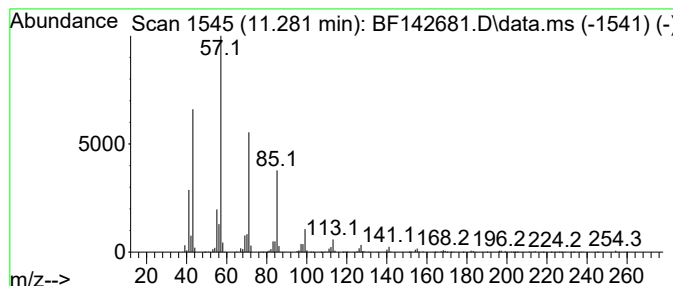
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.281	19.22 ng	642637	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	95
2	Nonadecane		268	C19H40	000629-92-5	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Pentadecane		212	C15H32	000629-62-9	87
5	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
Acq On : 07 Jun 2025 09:58
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

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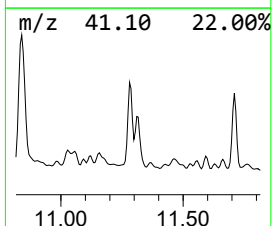
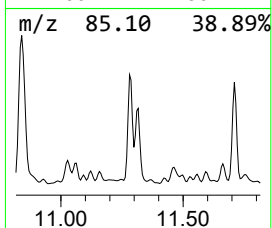
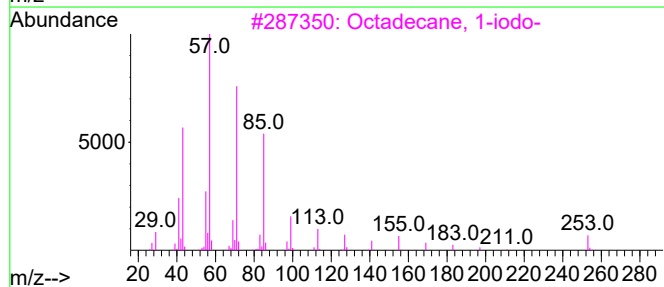
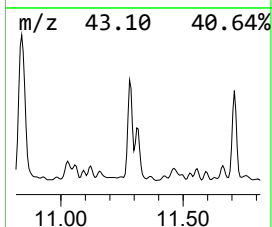
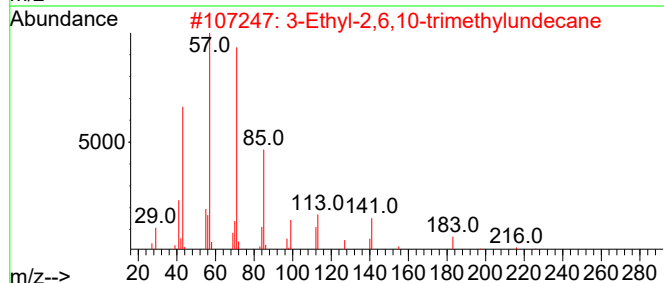
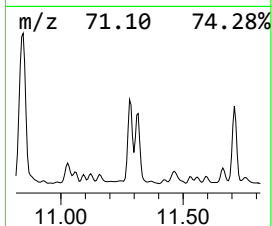
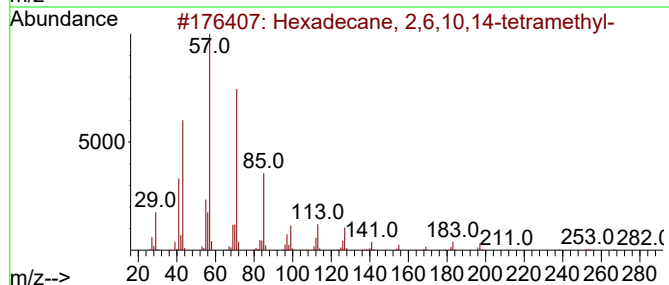
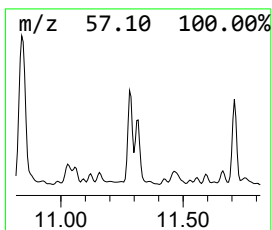
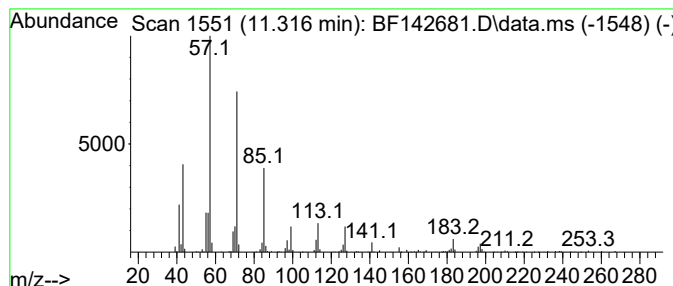
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.316	15.11 ng	505232	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Docosane	310	C22H46	000629-97-0	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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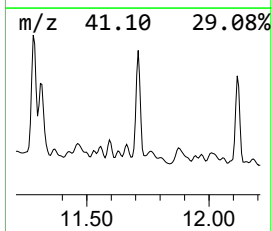
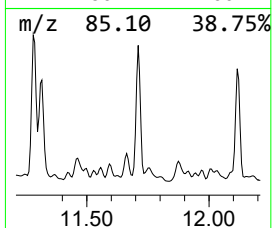
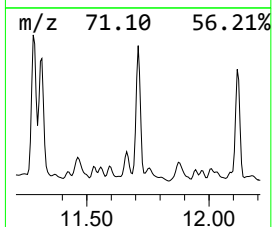
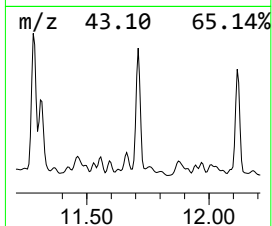
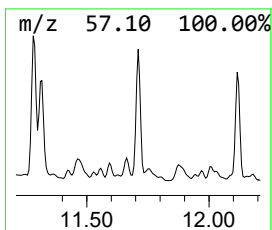
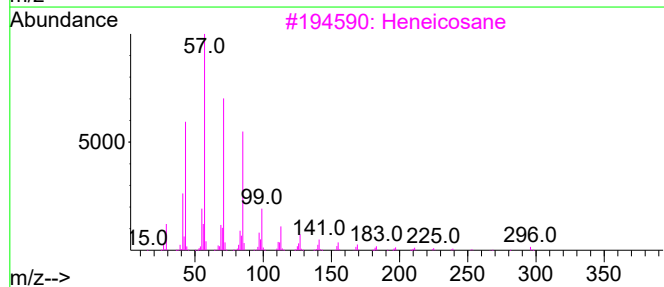
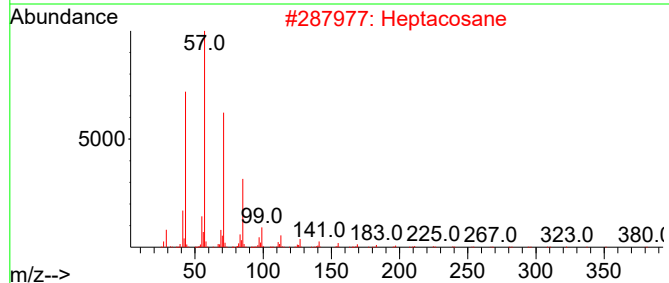
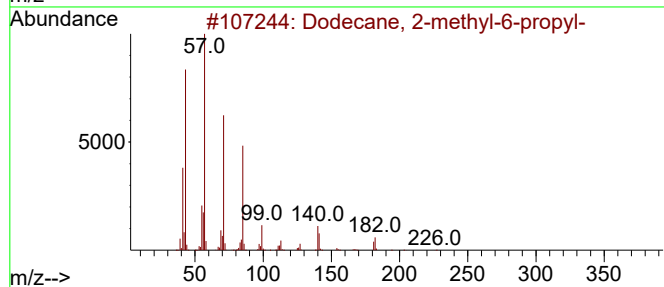
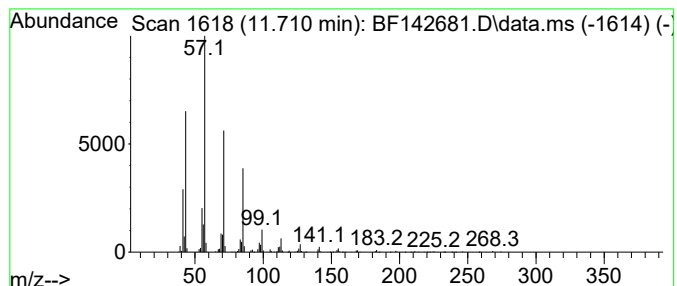
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	15.38 ng	514127	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2			Heptacosane	380	C27H56	000593-49-7	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Octadecane	254	C18H38	000593-45-3	90
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
Acq On : 07 Jun 2025 09:58
Operator : RC/JU
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Misc :
ALS Vial : 42 Sample Multiplier: 1

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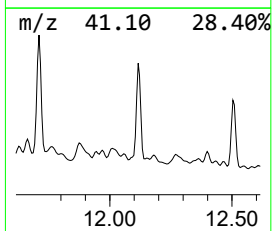
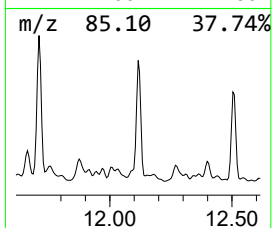
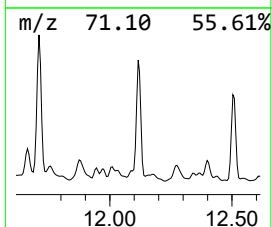
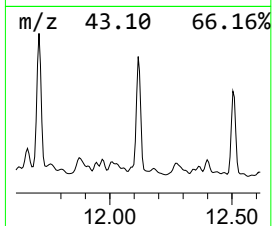
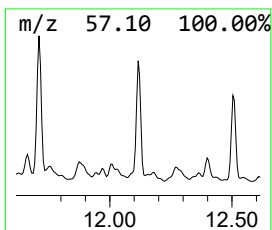
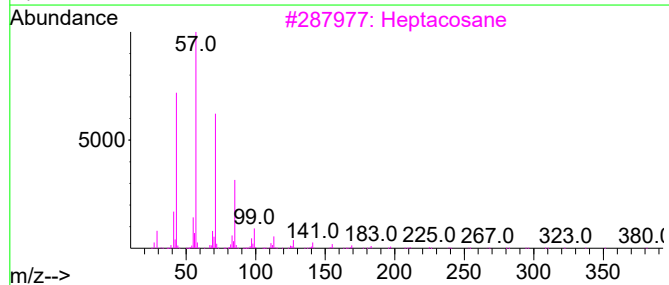
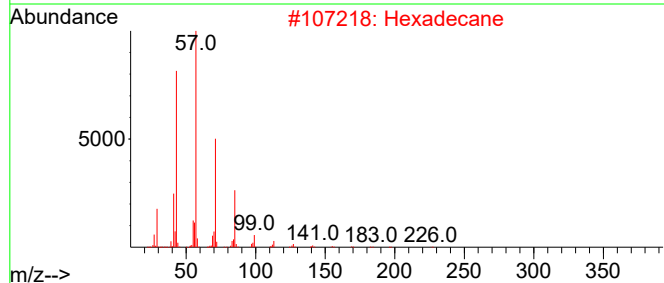
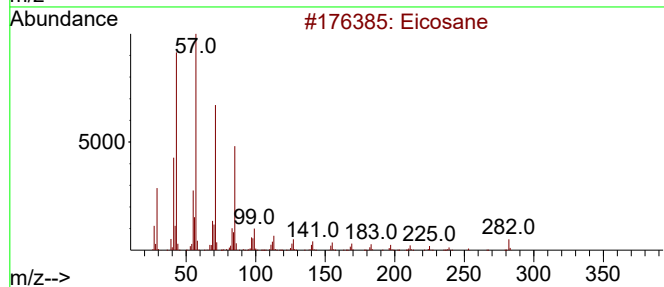
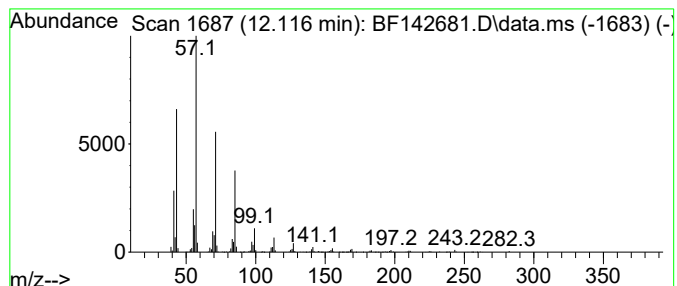
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	13.16 ng	439913	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Hexadecane	226	C16H34	000544-76-3	94
3			Heptacosane	380	C27H56	000593-49-7	90
4			Nonadecane	268	C19H40	000629-92-5	87
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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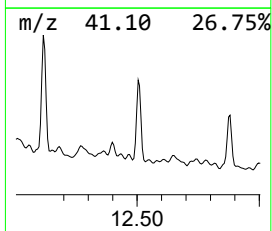
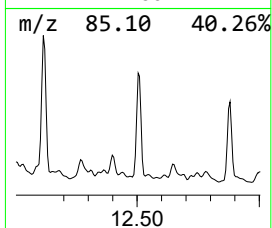
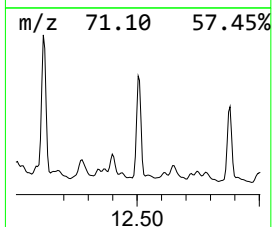
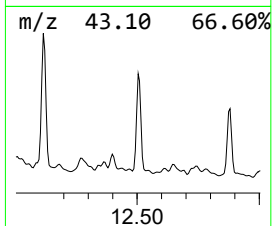
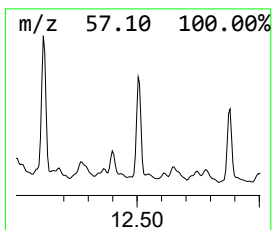
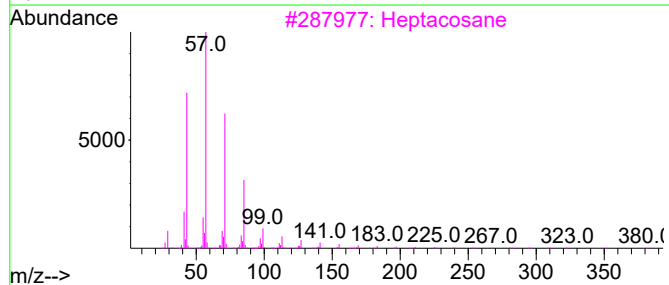
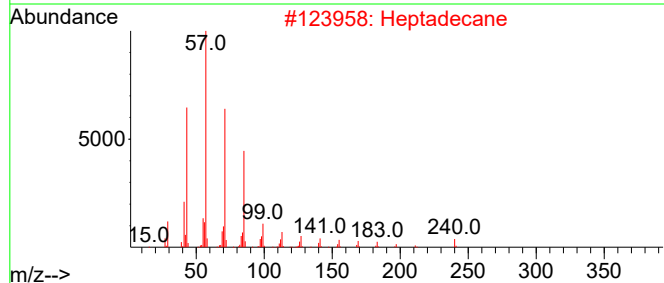
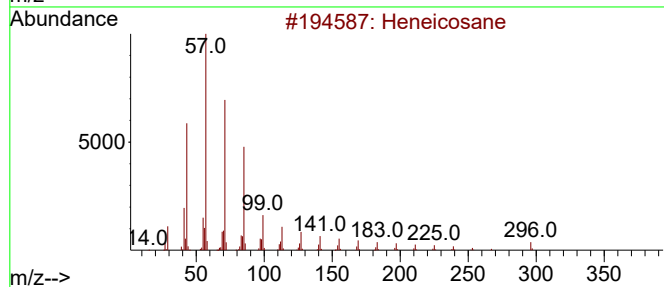
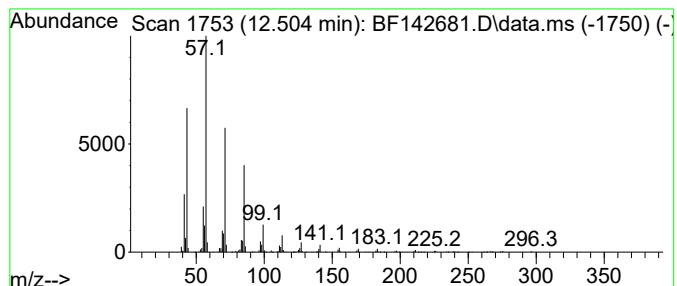
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.504	10.61 ng	354875	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Heptadecane		240	C17H36	000629-78-7	93
3	Heptacosane		380	C27H56	000593-49-7	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
Acq On : 07 Jun 2025 09:58
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

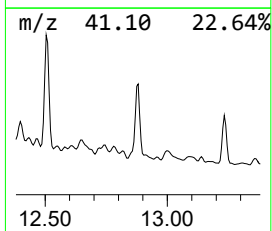
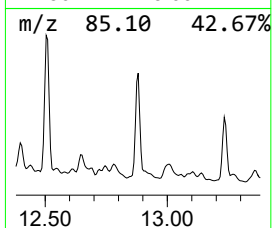
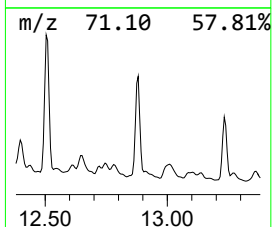
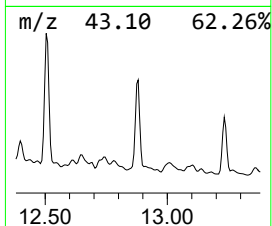
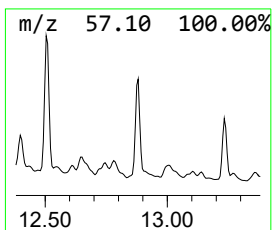
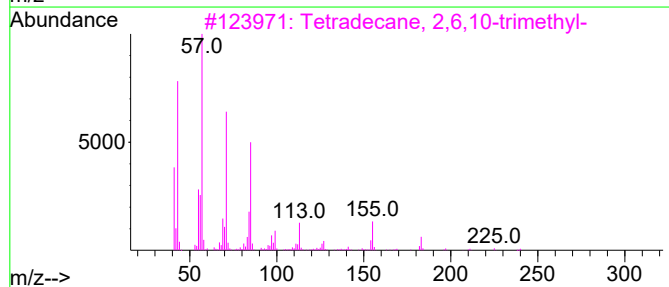
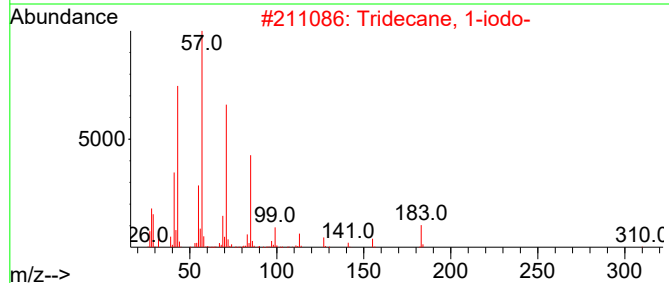
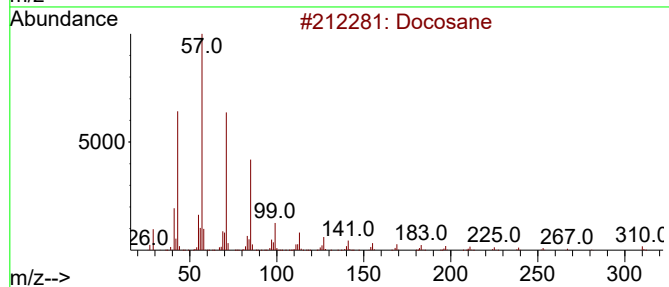
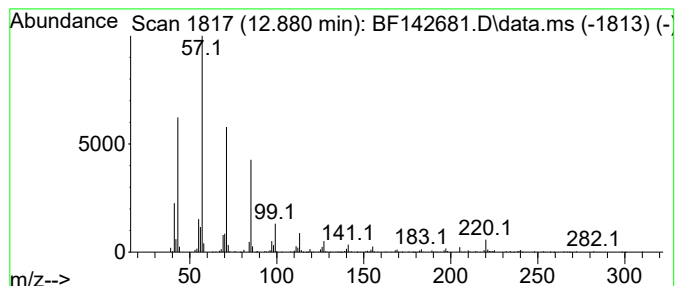
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ClientSampleId :
HR-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.880	8.23 ng	264036	Chrysene-d12		14.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Docosane		310	C22H46	000629-97-0	94
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	94
3	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	93
4	Eicosane		282	C20H42	000112-95-8	91
5	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
Acq On : 07 Jun 2025 09:58
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

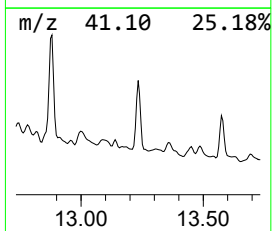
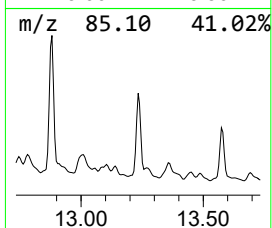
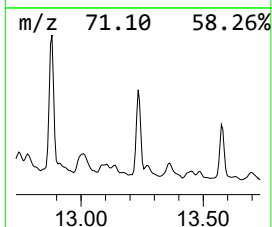
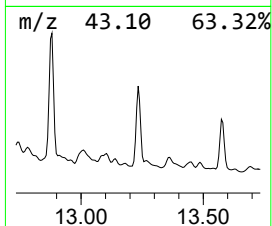
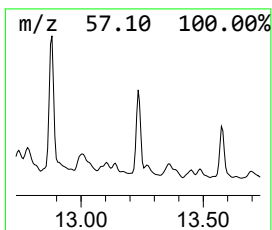
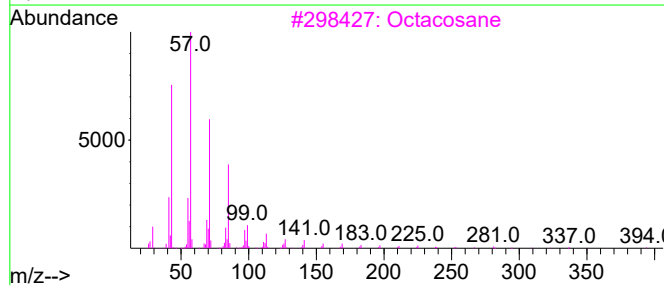
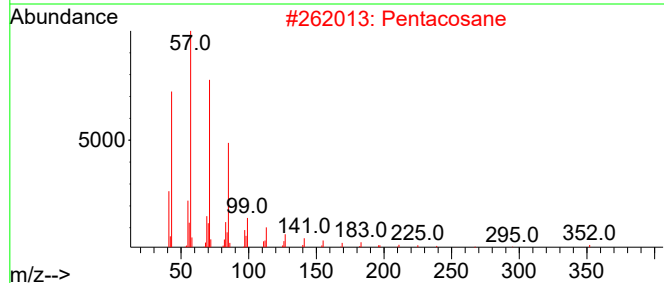
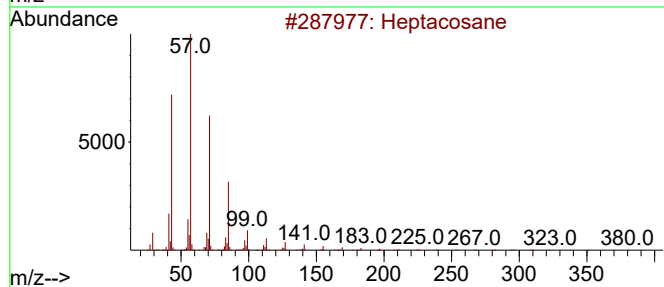
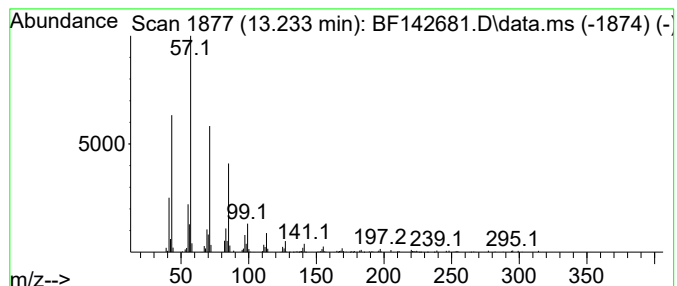
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	4.36 ng	140066	Chrysene-d12	14.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142681.D
Acq On : 07 Jun 2025 09:58
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
Cyclopentane, 1...	8.469	4.3	ng	185291	2	8.181	870278	20.0
Decane, 2-methyl-	8.592	8.8	ng	384459	2	8.181	870278	20.0
Tridecane	8.763	6.4	ng	279424	2	8.181	870278	20.0
Dodecane, 2,6,1...	9.192	9.4	ng	314369	3	9.934	667972	20.0
Tridecane, 6-me...	9.334	17.3	ng	578270	3	9.934	667972	20.0
unknown9.586	9.586	5.8	ng	193725	3	9.934	667972	20.0
Octadecane, 1-c...	9.651	24.1	ng	806083	3	9.934	667972	20.0
unknown9.710	9.710	4.3	ng	142034	3	9.934	667972	20.0
Hexadecane	9.863	14.4	ng	481496	3	9.934	667972	20.0
Hexacosane	10.187	7.6	ng	252836	3	9.934	667972	20.0
Nonadecane	10.363	19.7	ng	658315	3	9.934	667972	20.0
Pentadecane, 2,...	10.581	19.4	ng	646403	3	9.934	667972	20.0
Heptacosane	10.839	40.7	ng	1361700	4	11.422	668726	20.0
Octadecane	11.281	19.2	ng	642637	4	11.422	668726	20.0
Hexadecane, 2,6...	11.316	15.1	ng	505232	4	11.422	668726	20.0
Dodecane, 2-met...	11.710	15.4	ng	514127	4	11.422	668726	20.0
Eicosane	12.116	13.2	ng	439913	4	11.422	668726	20.0
Heneicosane	12.504	10.6	ng	354875	4	11.422	668726	20.0
Docosane	12.880	8.2	ng	264036	5	14.069	641893	20.0
Pentacosane	13.233	4.4	ng	140066	5	14.069	641893	20.0