

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142037.D
 Acq On : 21 Mar 2025 18:49
 Operator : RC/JU
 Sample : Q1614-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032025

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142037.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.946	307	315	321	rBV	5425	9245	1.14%	0.126%
2	5.481	571	576	588	rBV	84370	126816	15.57%	1.728%
3	6.128	680	686	692	rBV4	6110	12526	1.54%	0.171%
4	6.404	730	733	736	rBV3	9407	11947	1.47%	0.163%
5	6.493	740	748	756	rBV	80092	127536	15.66%	1.738%
6	6.557	756	759	765	rVB	5765	9263	1.14%	0.126%
7	6.616	765	769	774	rBV5	5727	9802	1.20%	0.134%
8	6.710	780	785	792	rBV4	16303	28113	3.45%	0.383%
9	6.834	797	806	808	rBV7	4675	9991	1.23%	0.136%
10	6.875	808	813	820	rVV	466772	598316	73.47%	8.151%
11	6.928	820	822	827	rVB2	11551	15141	1.86%	0.206%
12	7.022	834	838	841	rBV2	11317	14905	1.83%	0.203%
13	7.145	848	859	863	rBV3	21815	43582	5.35%	0.594%
14	7.192	863	867	874	rVB3	20342	35101	4.31%	0.478%
15	7.269	874	880	884	rBV2	20092	33646	4.13%	0.458%
16	7.357	893	895	899	rVB	8722	9667	1.19%	0.132%
17	7.410	899	904	905	rBV2	26784	38339	4.71%	0.522%
18	7.434	905	908	911	rVB	36406	48393	5.94%	0.659%
19	7.516	917	922	926	rVB4	19220	29811	3.66%	0.406%
20	7.557	926	929	932	rBV3	9191	13395	1.64%	0.182%
21	7.675	945	949	958	rVB2	30096	59002	7.25%	0.804%
22	7.775	958	966	968	rBV4	20279	42835	5.26%	0.584%
23	7.798	968	970	973	rVB3	9007	10126	1.24%	0.138%
24	7.834	973	976	980	rVB2	12590	16940	2.08%	0.231%
25	7.892	980	986	989	rBV4	34905	65674	8.06%	0.895%
26	7.992	1001	1003	1006	rVB	18576	18987	2.33%	0.259%
27	8.022	1006	1008	1011	rVB	9006	9122	1.12%	0.124%
28	8.057	1011	1014	1017	rBV2	8334	8699	1.07%	0.119%
29	8.157	1017	1031	1037	rBV	512961	814319	100.00%	11.094%
30	8.210	1037	1040	1043	rVV3	37133	54292	6.67%	0.740%
31	8.245	1043	1046	1052	rVB4	15353	21899	2.69%	0.298%
32	8.351	1061	1064	1068	rVB2	22626	28716	3.53%	0.391%
33	8.398	1069	1072	1075	rBV2	10169	14276	1.75%	0.194%
34	8.445	1075	1080	1084	rVV6	28735	40803	5.01%	0.556%
35	8.504	1086	1090	1092	rBV2	13579	15908	1.95%	0.217%
36	8.539	1092	1096	1099	rBV3	17868	22579	2.77%	0.308%

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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-BF031025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.569	1099	1101	1104	rBV	14838	15558	1.91%	0.212%
38	8.657	1112	1116	1120	rBV2	53789	67578	8.30%	0.921%
39	8.745	1127	1131	1135	rBV2	59745	78124	9.59%	1.064%
40	8.816	1140	1143	1150	rVB5	24321	43216	5.31%	0.589%
41	8.904	1155	1158	1160	rBV2	8068	9266	1.14%	0.126%
42	8.975	1166	1170	1175	rBV3	44736	64035	7.86%	0.872%
43	9.104	1188	1192	1197	rVB5	22659	39159	4.81%	0.534%
44	9.175	1197	1204	1209	rBV3	30319	59549	7.31%	0.811%
45	9.228	1209	1213	1218	rVB	119233	146950	18.05%	2.002%
46	9.310	1222	1227	1231	rBV	81212	110793	13.61%	1.509%
47	9.381	1235	1239	1242	rVB	20564	25297	3.11%	0.345%
48	9.492	1254	1258	1263	rVB5	17336	29184	3.58%	0.398%
49	9.569	1264	1271	1272	rBV4	25973	50258	6.17%	0.685%
50	9.628	1277	1281	1284	rVV3	50156	82854	10.17%	1.129%
51	9.686	1288	1291	1295	rVB2	25607	31778	3.90%	0.433%
52	9.775	1302	1306	1309	rBV4	10870	19269	2.37%	0.263%
53	9.839	1312	1317	1321	rVB	75552	98041	12.04%	1.336%
54	9.910	1324	1329	1334	rVV	516605	645340	79.25%	8.792%
55	10.010	1343	1346	1351	rVB3	12406	17039	2.09%	0.232%
56	10.098	1352	1361	1367	rBV10	22897	78657	9.66%	1.072%
57	10.157	1368	1371	1376	rVV6	20413	28872	3.55%	0.393%
58	10.228	1380	1383	1385	rBV4	14058	19543	2.40%	0.266%
59	10.333	1396	1401	1406	rBV	83334	116012	14.25%	1.581%
60	10.557	1434	1439	1445	rBV	37629	60497	7.43%	0.824%
61	10.616	1445	1449	1457	rVV2	21415	42304	5.20%	0.576%
62	10.692	1457	1462	1474	rVV2	60573	105220	12.92%	1.434%
63	10.810	1478	1482	1491	rVB	99929	179541	22.05%	2.446%
64	11.257	1554	1558	1561	rBV	70549	94196	11.57%	1.283%
65	11.286	1561	1563	1569	rVB2	40738	52966	6.50%	0.722%
66	11.398	1576	1582	1593	rBV	479469	710172	87.21%	9.675%
67	11.686	1627	1631	1634	rBV	56325	67246	8.26%	0.916%
68	11.916	1667	1670	1678	rVB4	37388	58526	7.19%	0.797%
69	12.092	1696	1700	1704	rBV	54386	69303	8.51%	0.944%
70	12.480	1762	1766	1773	rVB	52563	72160	8.86%	0.983%
71	12.610	1785	1788	1791	rBV	18933	24322	2.99%	0.331%
72	12.974	1846	1850	1858	rBV	139085	203241	24.96%	2.769%
73	14.033	2026	2030	2036	rBV	530463	685473	84.18%	9.339%
74	15.510	2277	2281	2291	rVB	329206	568723	69.84%	7.748%

Sum of corrected areas: 7339974

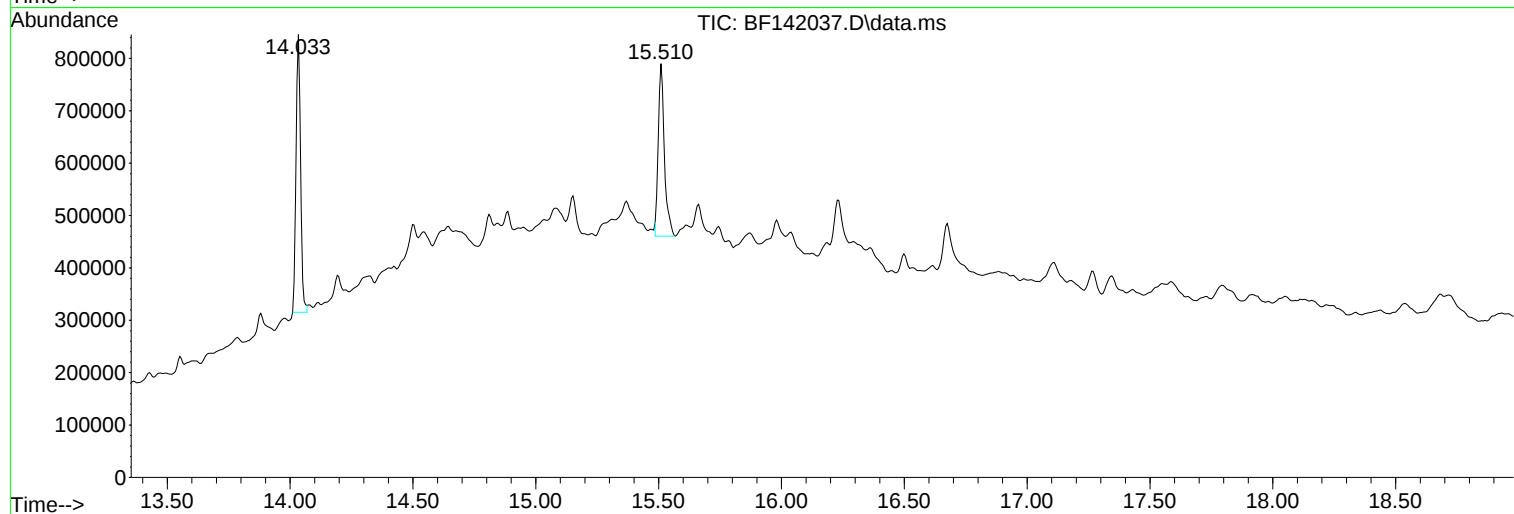
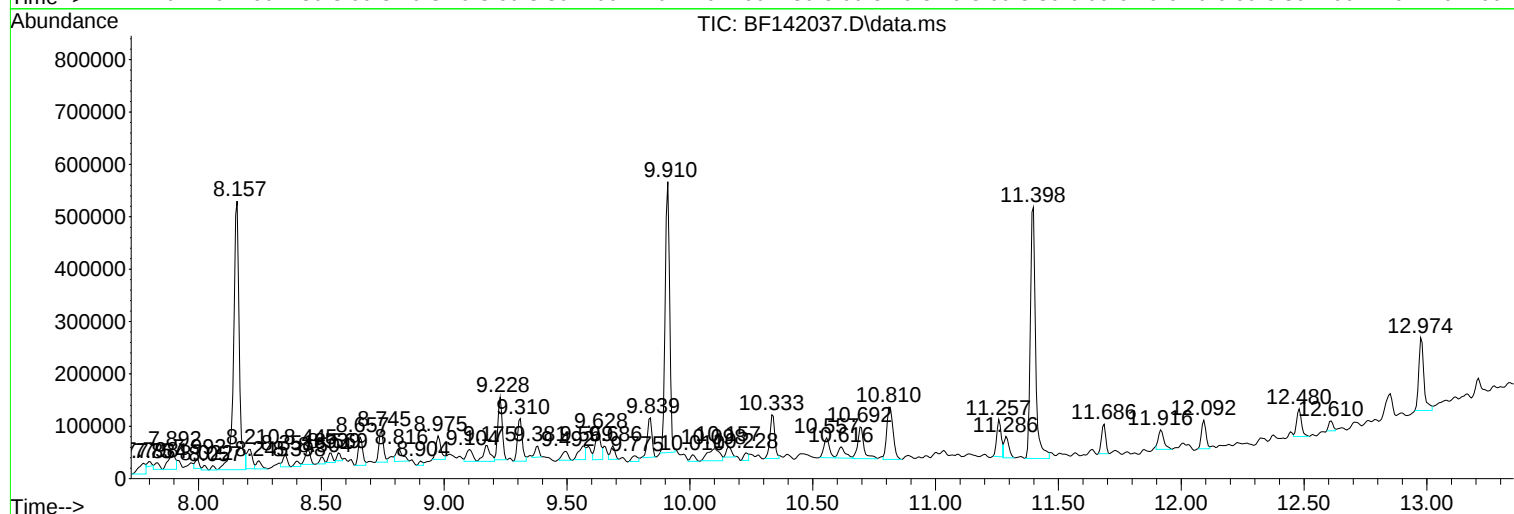
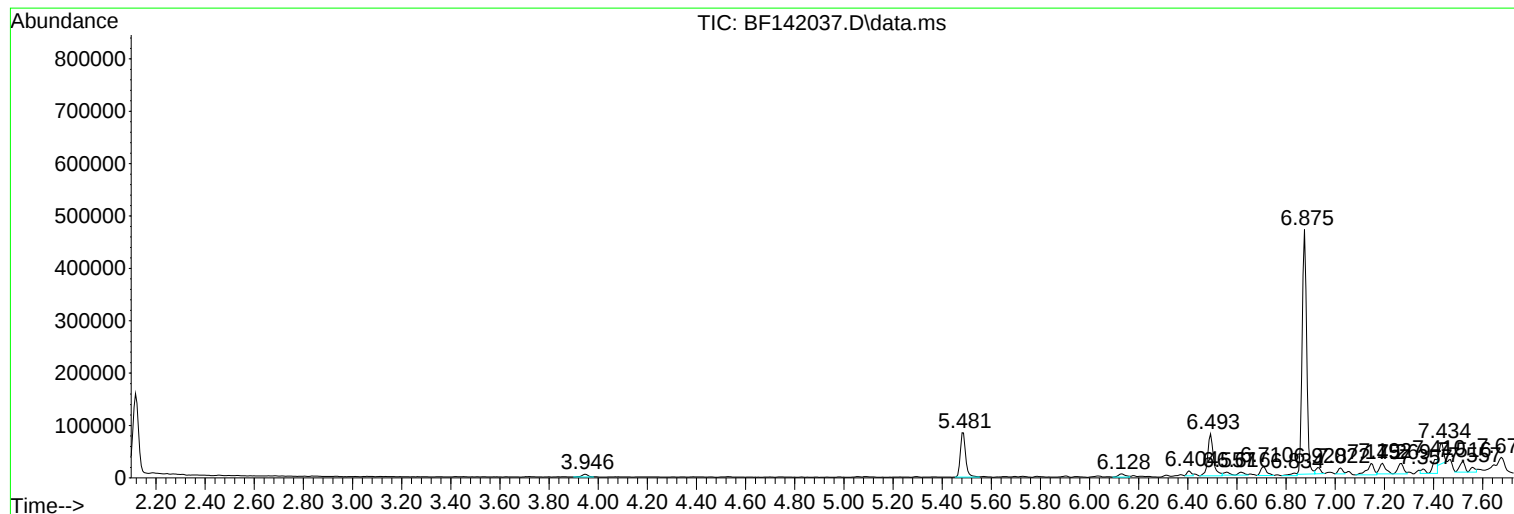
Instrument :
BNA_F
ClientSampleId :
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-032025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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Operator : RC/JU
Sample : Q1614-01 5X
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Instrument :
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ClientSampleId :
TR-04-032025

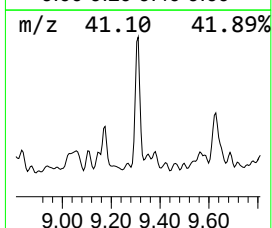
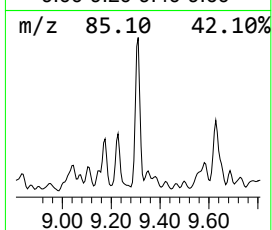
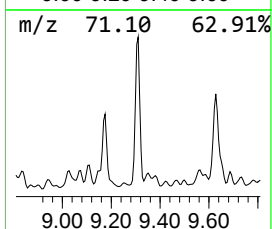
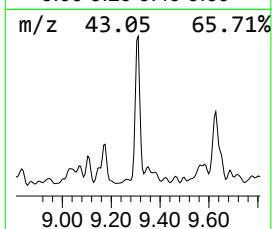
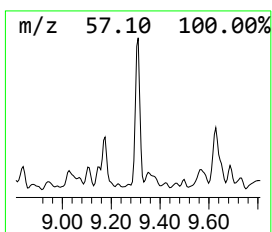
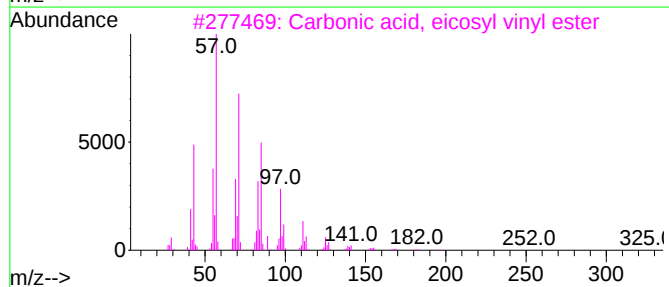
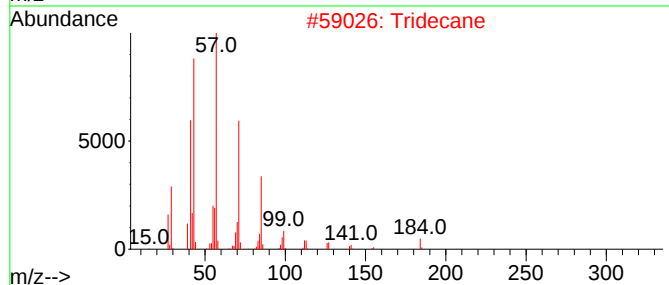
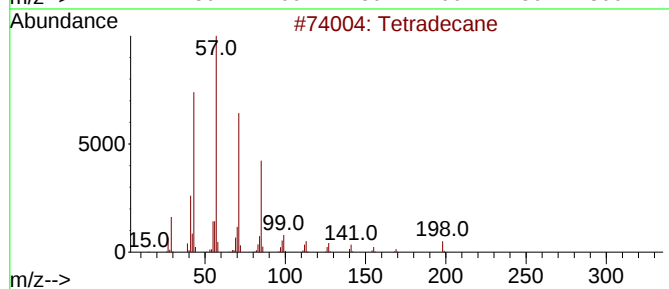
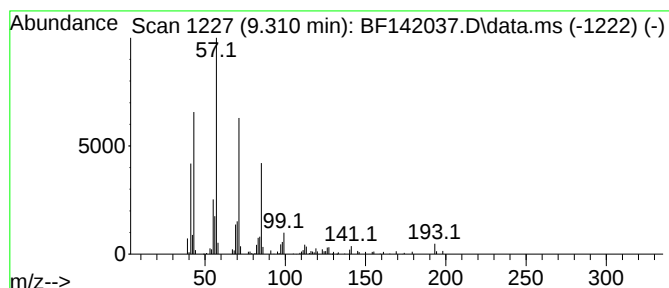
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	3.43 ng	110793	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Tridecane	184	C13H28	000629-50-5	86
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80



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Misc :
ALS Vial : 16 Sample Multiplier: 1

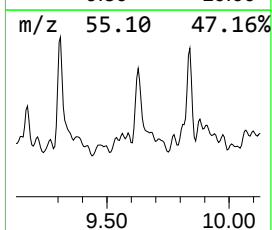
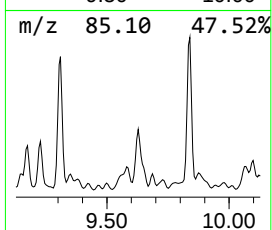
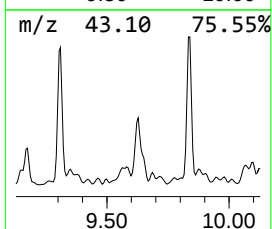
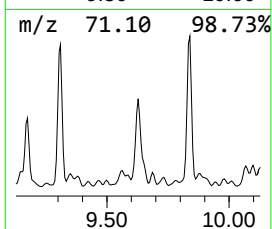
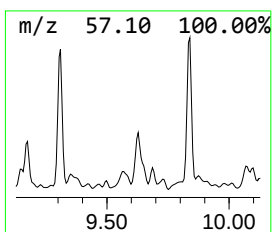
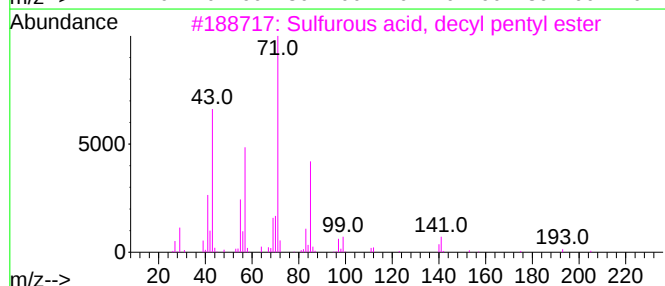
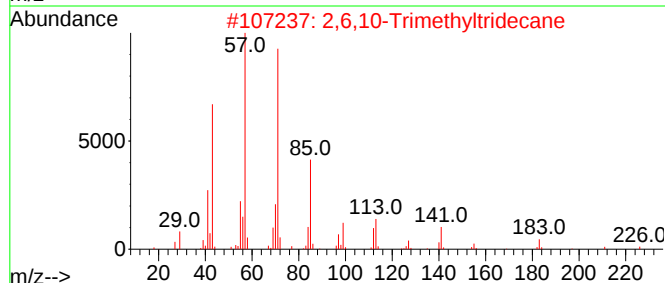
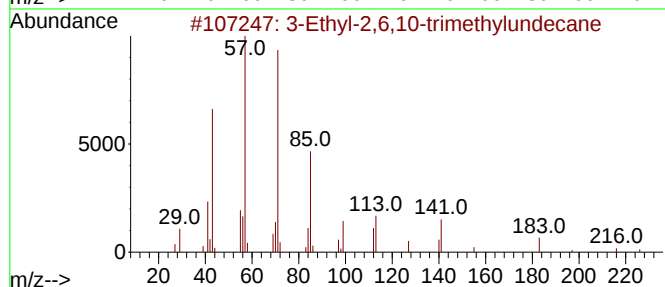
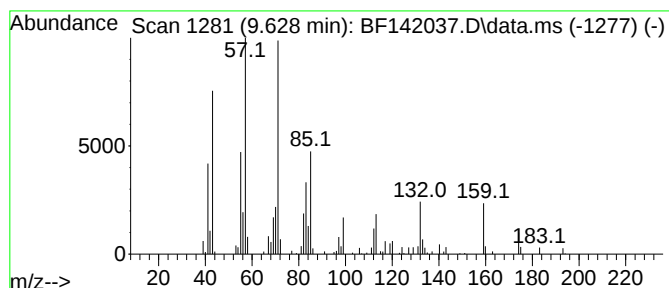
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.628	2.57 ng	82854	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	58
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	58
3	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	47
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	46
5	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	43



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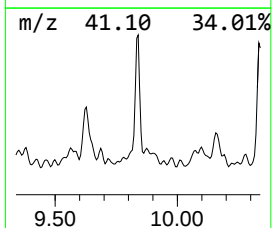
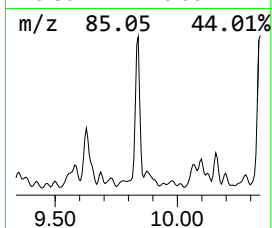
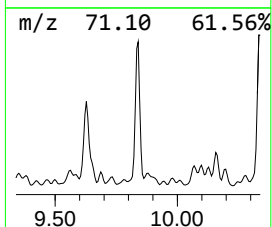
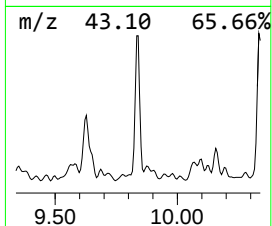
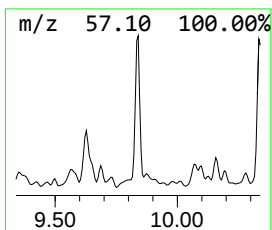
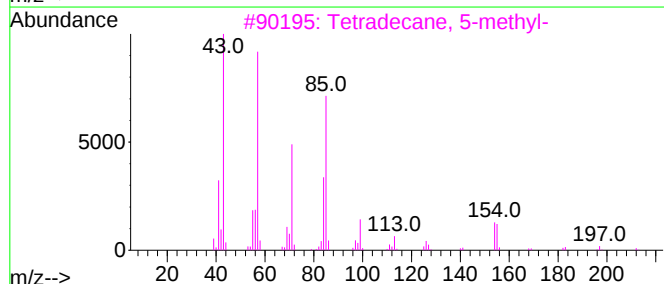
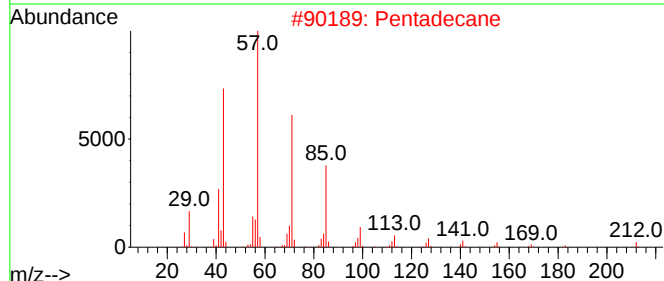
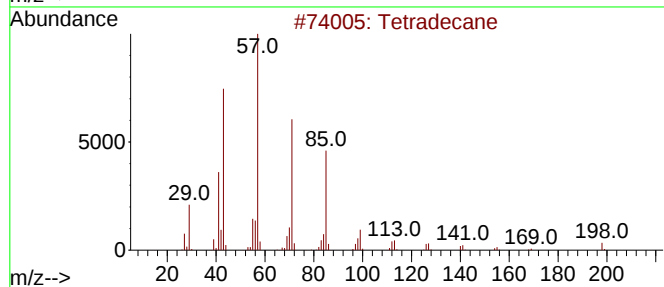
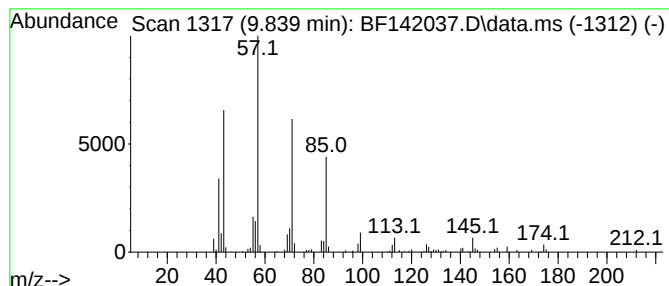
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	3.04 ng	98041	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	87
2			Pentadecane	212	C15H32	000629-62-9	74
3			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	64
4			Heptadecane	240	C17H36	000629-78-7	58
5			Hexadecane	226	C16H34	000544-76-3	52



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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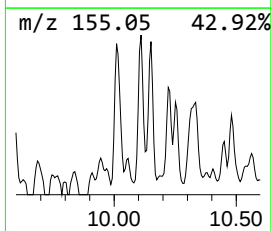
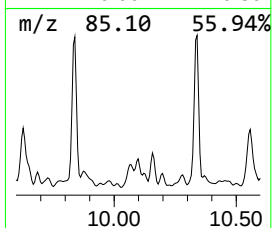
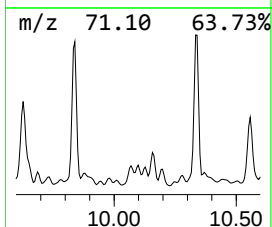
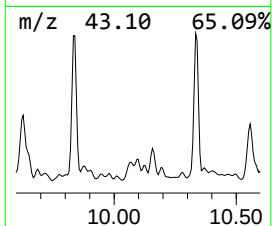
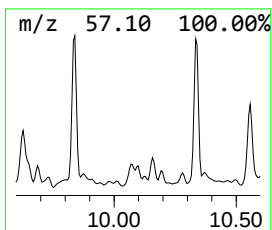
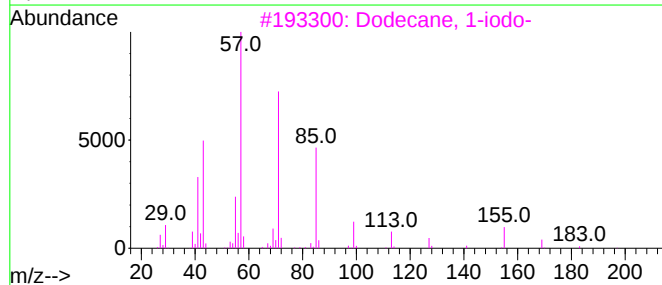
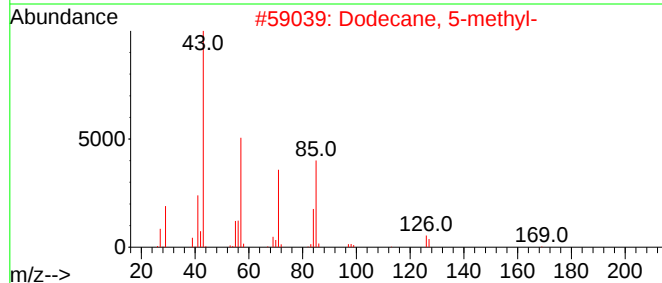
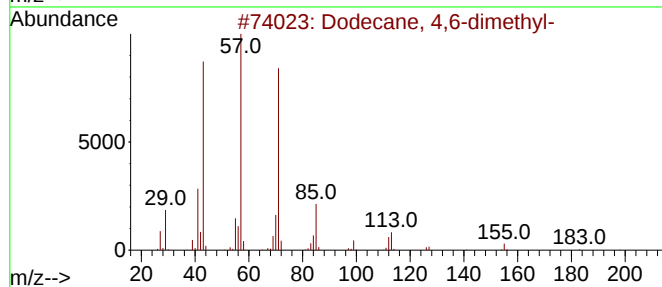
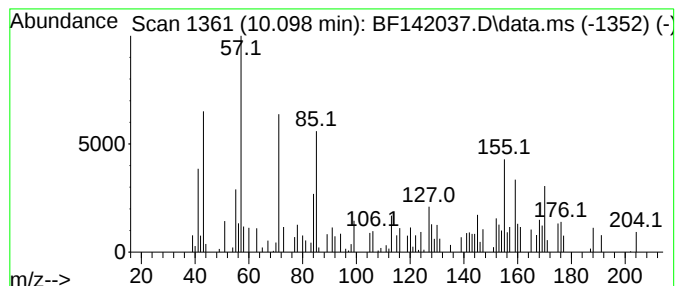
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown10.098

Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	2.44 ng	78657	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	35
2			Dodecane, 5-methyl-	184	C13H28	017453-93-9	27
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	27
4			Undecane, 4-ethyl-	184	C13H28	017312-59-3	27
5			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142037.D
Acq On : 21 Mar 2025 18:49
Operator : RC/JU
Sample : Q1614-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-032025

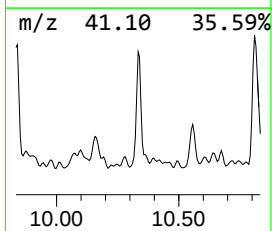
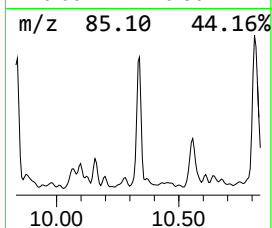
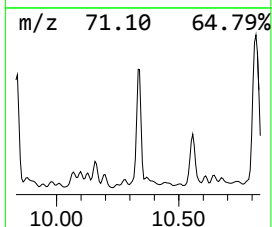
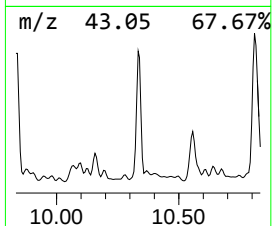
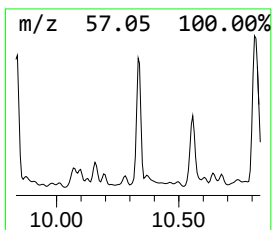
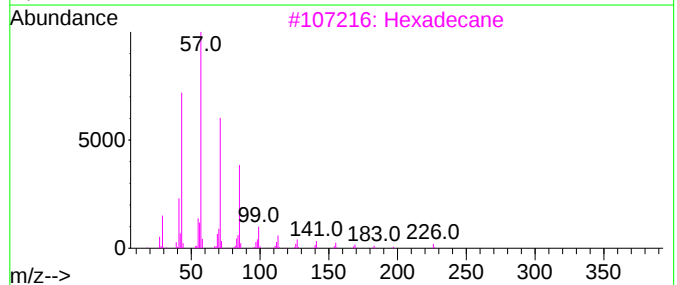
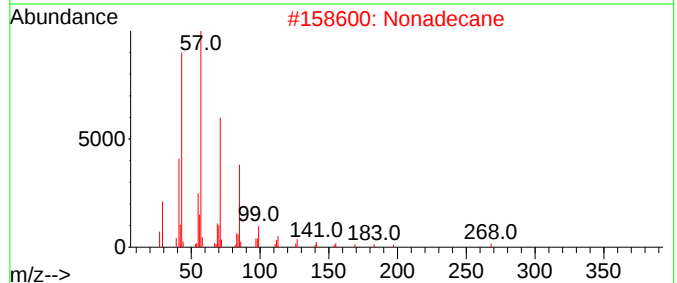
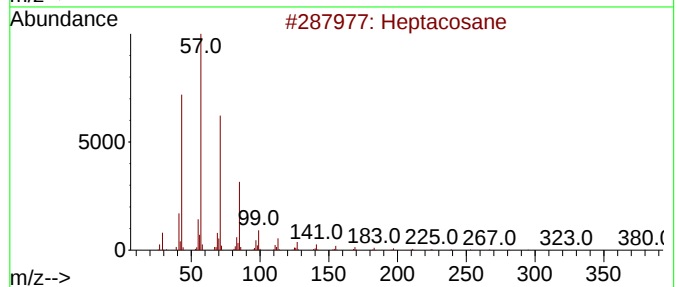
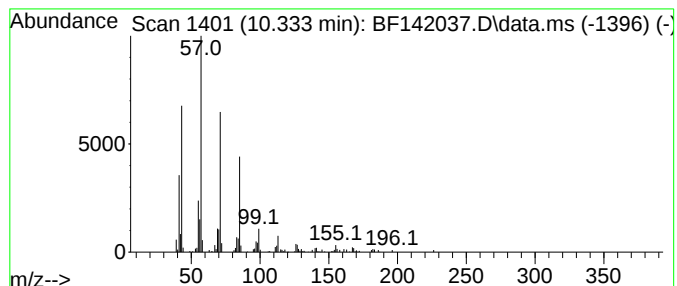
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	3.60 ng	116012	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142037.D
Acq On : 21 Mar 2025 18:49
Operator : RC/JU
Sample : Q1614-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-032025

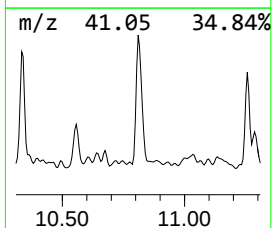
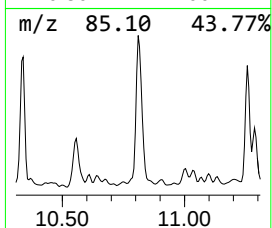
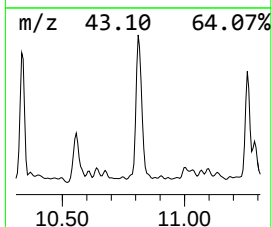
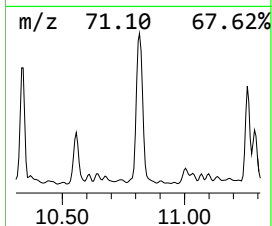
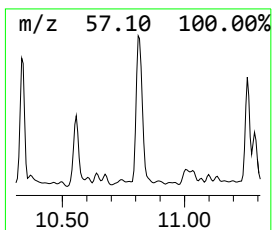
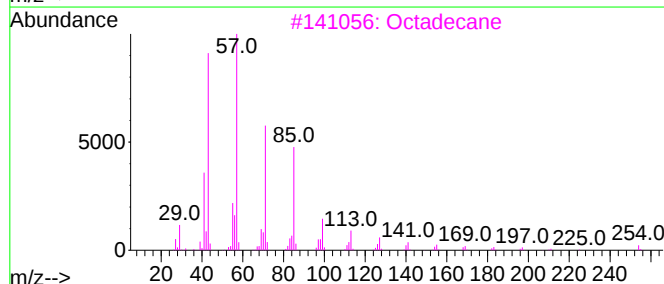
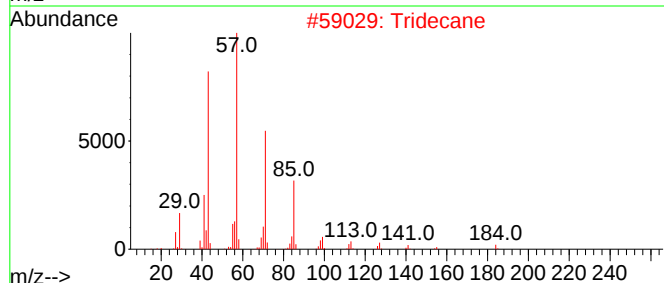
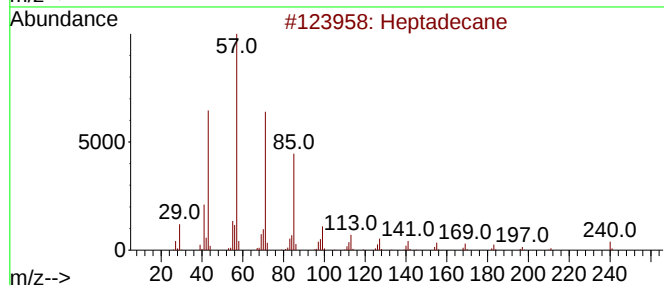
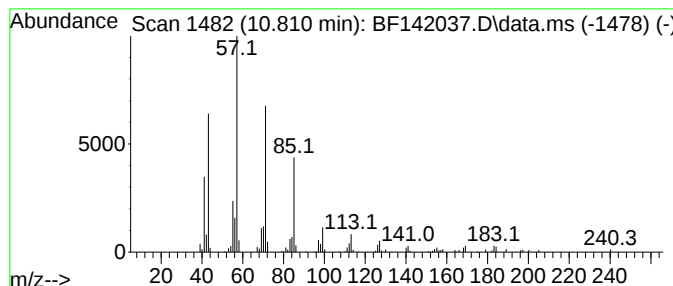
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	5.06 ng	179541	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	94
2		Tridecane	184	C13H28	000629-50-5	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Tetradecane	198	C14H30	000629-59-4	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142037.D
Acq On : 21 Mar 2025 18:49
Operator : RC/JU
Sample : Q1614-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-032025

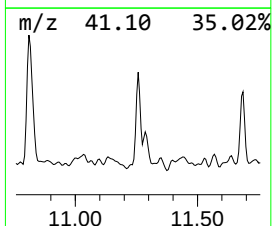
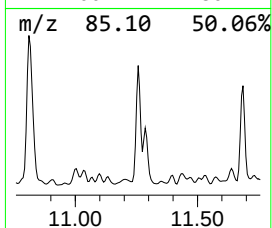
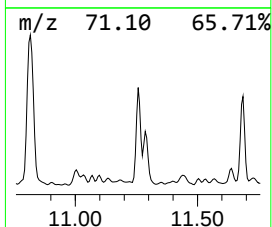
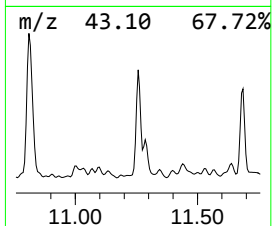
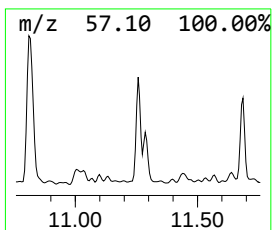
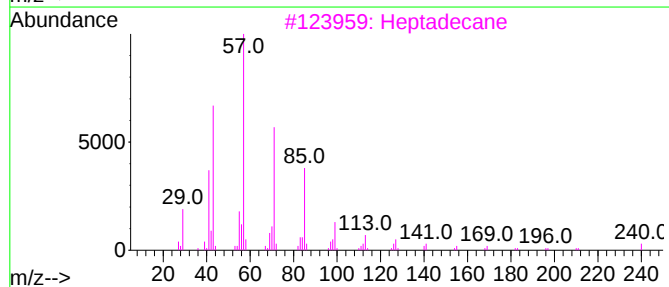
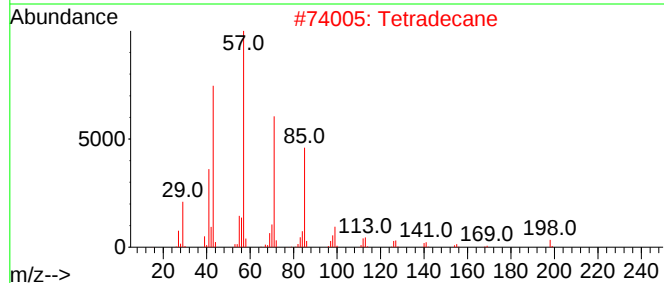
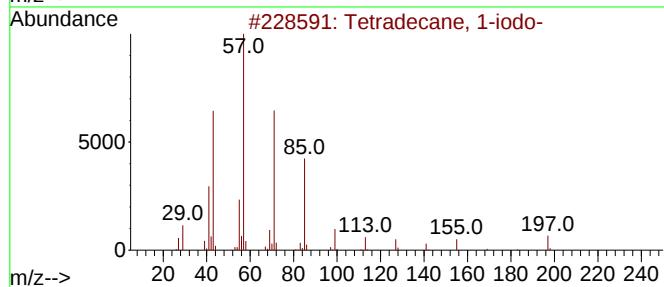
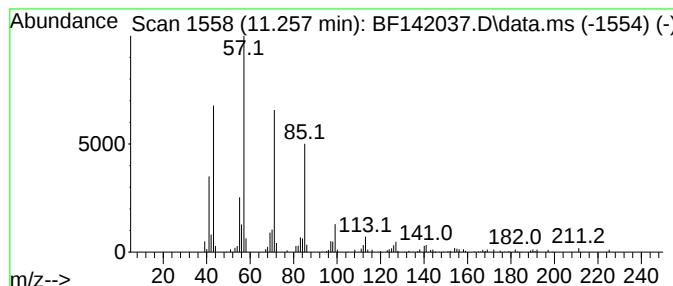
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	2.65 ng	94196	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
2			Tetradecane	198	C14H30	000629-59-4	87
3			Heptadecane	240	C17H36	000629-78-7	87
4			Hexadecane	226	C16H34	000544-76-3	86
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142037.D
Acq On : 21 Mar 2025 18:49
Operator : RC/JU
Sample : Q1614-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-032025

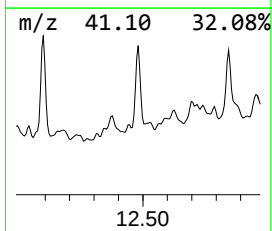
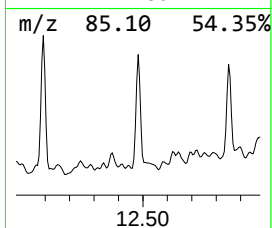
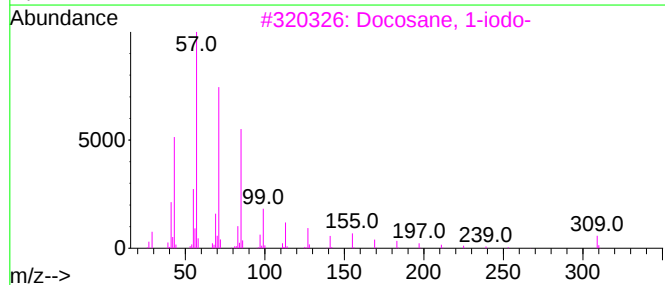
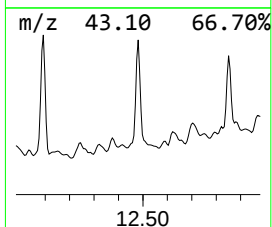
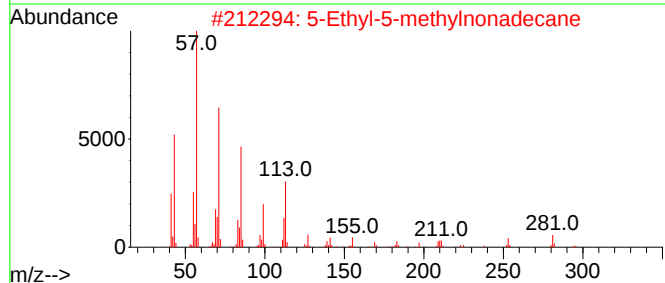
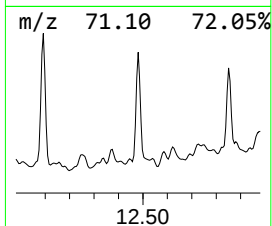
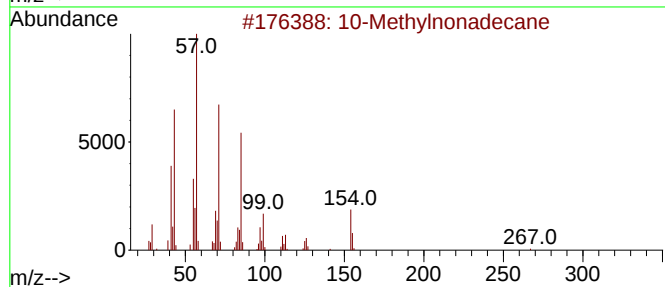
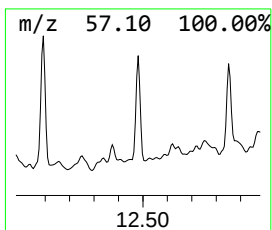
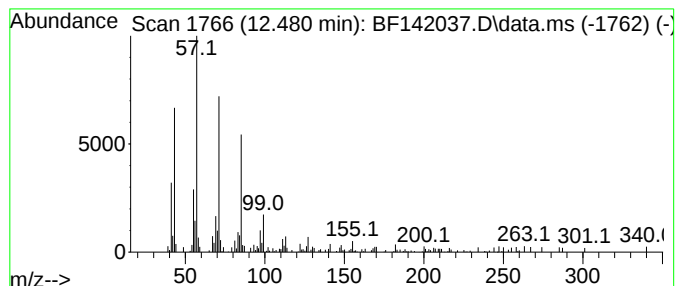
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	2.03 ng	72160	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	86
2			5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	86
3			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	86
4			Tetracosane	338	C24H50	000646-31-1	86
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142037.D
Acq On : 21 Mar 2025 18:49
Operator : RC/JU
Sample : Q1614-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-032025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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3-Ethyl-2,6,10-...	9.628	2.6	ng	82854	3	9.910	645340	20.0
Pentadecane	9.839	3.0	ng	98041	3	9.910	645340	20.0
unknown10.098	10.098	2.4	ng	78657	3	9.910	645340	20.0
Heptacosane	10.334	3.6	ng	116012	3	9.910	645340	20.0
Heptadecane	10.810	5.1	ng	179541	4	11.398	710172	20.0
Tetradecane, 1-...	11.257	2.6	ng	94196	4	11.398	710172	20.0
10-Methylnonade...	12.480	2.0	ng	72160	4	11.398	710172	20.0