

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144126.D
 Acq On : 29 Oct 2025 14:03
 Operator : RC/JU
 Sample : Q3419-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S16-119133-20251021

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-BF102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.934	462	466	473	rVB	10760	15782	1.68%	0.120%
2	5.016	473	480	485	rBV2	8698	18140	1.93%	0.138%
3	5.093	489	493	500	rVB2	16720	24944	2.65%	0.189%
4	5.293	521	527	531	rBV2	10935	17407	1.85%	0.132%
5	5.493	555	561	571	rBV	663302	873032	92.67%	6.626%
6	5.646	583	587	592	rBV3	8080	13297	1.41%	0.101%
7	5.734	598	602	608	rVB5	6808	11726	1.24%	0.089%
8	5.804	608	614	619	rVB4	7196	10146	1.08%	0.077%
9	5.893	624	629	634	rBV4	10763	22202	2.36%	0.169%
10	5.945	634	638	642	rBV2	9288	14789	1.57%	0.112%
11	6.028	647	652	657	rVB4	13519	24266	2.58%	0.184%
12	6.075	657	660	663	rBV2	10717	13992	1.49%	0.106%
13	6.122	663	668	674	rBV3	55144	87710	9.31%	0.666%
14	6.181	674	678	681	rVB	24996	30212	3.21%	0.229%
15	6.310	695	700	705	rBV2	25621	39889	4.23%	0.303%
16	6.410	713	717	725	rBV4	25865	54318	5.77%	0.412%
17	6.498	727	732	739	rBV	694273	942073	100.00%	7.150%
18	6.616	747	752	757	rBV5	20250	42981	4.56%	0.326%
19	6.728	764	771	775	rBV6	13114	27174	2.88%	0.206%
20	6.804	775	784	787	rVV5	11981	31730	3.37%	0.241%
21	6.875	791	796	801	rVV2	345520	488852	51.89%	3.710%
22	6.928	801	805	808	rVV2	21208	34595	3.67%	0.263%
23	6.987	808	815	817	rVV3	30756	64823	6.88%	0.492%
24	7.016	817	820	824	rVV	52771	81534	8.65%	0.619%
25	7.051	824	826	831	rVV2	19250	30222	3.21%	0.229%
26	7.104	831	835	838	rVV2	20846	32142	3.41%	0.244%
27	7.145	838	842	846	rVB3	32946	49840	5.29%	0.378%
28	7.222	851	855	857	rBV3	13071	16522	1.75%	0.125%
29	7.269	860	863	865	rVV3	12471	15389	1.63%	0.117%
30	7.298	866	868	874	rVB5	16533	23112	2.45%	0.175%
31	7.351	874	877	879	rBV3	9548	12249	1.30%	0.093%
32	7.434	887	891	900	rVB	433914	596397	63.31%	4.526%
33	7.516	900	905	909	rBV4	34790	56314	5.98%	0.427%
34	7.575	909	915	919	rBV2	28685	51234	5.44%	0.389%
35	7.622	920	923	925	rBV4	9612	11365	1.21%	0.086%
36	7.651	925	928	931	rBV2	35437	44258	4.70%	0.336%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.681	931	933	941	rVB6	29474	48855	5.19%	0.371%
38	7.775	942	949	951	rBV3	33227	66466	7.06%	0.504%
39	7.869	962	965	968	rVB4	10457	11463	1.22%	0.087%
40	7.910	968	972	976	rBV4	16610	29877	3.17%	0.227%
41	7.975	980	983	988	rVB3	27976	37439	3.97%	0.284%
42	8.034	988	993	995	rBV4	29135	43827	4.65%	0.333%
43	8.104	1000	1005	1008	rVV4	22139	46892	4.98%	0.356%
44	8.157	1009	1014	1020	rVV	384685	537502	57.06%	4.079%
45	8.216	1020	1024	1027	rVV	131128	163950	17.40%	1.244%
46	8.245	1027	1029	1036	rVB4	40668	71538	7.59%	0.543%
47	8.310	1036	1040	1042	rBV	24554	35442	3.76%	0.269%
48	8.363	1045	1049	1056	rVB5	52823	91543	9.72%	0.695%
49	8.445	1057	1063	1069	rBV5	63763	124493	13.21%	0.945%
50	8.504	1070	1073	1075	rBV3	21226	24832	2.64%	0.188%
51	8.575	1081	1085	1096	rVB2	145824	270845	28.75%	2.056%
52	8.663	1097	1100	1102	rBV	25864	27280	2.90%	0.207%
53	8.698	1102	1106	1111	rBV3	41938	71362	7.57%	0.542%
54	8.839	1127	1130	1134	rVB	71560	93642	9.94%	0.711%
55	8.939	1144	1147	1149	rBV4	24494	34535	3.67%	0.262%
56	9.034	1160	1163	1166	rBV4	40923	61208	6.50%	0.465%
57	9.151	1180	1183	1184	rBV3	29422	31468	3.34%	0.239%
58	9.175	1184	1187	1192	rVB	176108	212572	22.56%	1.613%
59	9.234	1192	1197	1202	rBV	704085	871937	92.56%	6.618%
60	9.316	1207	1211	1215	rBV2	70387	107533	11.41%	0.816%
61	9.633	1260	1265	1272	rVB2	196450	290991	30.89%	2.208%
62	9.781	1287	1290	1293	rVB2	43329	47474	5.04%	0.360%
63	9.916	1309	1313	1317	rVB	408998	495070	52.55%	3.757%
64	10.016	1328	1330	1335	rVB4	31768	38237	4.06%	0.290%
65	10.169	1352	1356	1363	rVB3	73393	135862	14.42%	1.031%
66	10.328	1379	1383	1387	rBV3	47536	74275	7.88%	0.564%
67	10.563	1418	1423	1429	rBV	205189	308455	32.74%	2.341%
68	10.704	1443	1447	1452	rVB	458422	567959	60.29%	4.311%
69	10.828	1464	1468	1476	rVB	273960	386384	41.01%	2.932%
70	11.298	1544	1548	1554	rVB2	205920	293913	31.20%	2.231%
71	11.404	1562	1566	1576	rBV2	371158	678727	72.05%	5.151%
72	12.627	1771	1774	1777	rBV	146907	181406	19.26%	1.377%
73	12.663	1777	1780	1785	rVB	172227	211512	22.45%	1.605%
74	12.857	1810	1813	1819	rVB	149529	201416	21.38%	1.529%
75	12.992	1832	1836	1844	rVB	549598	763377	81.03%	5.794%
76	13.133	1856	1860	1864	rBV	192940	251759	26.72%	1.911%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.051	2012	2016	2028	rVB2	350841	634494	67.35%	4.815%
78	15.539	2265	2269	2283	rVB	309702	573666	60.89%	4.354%

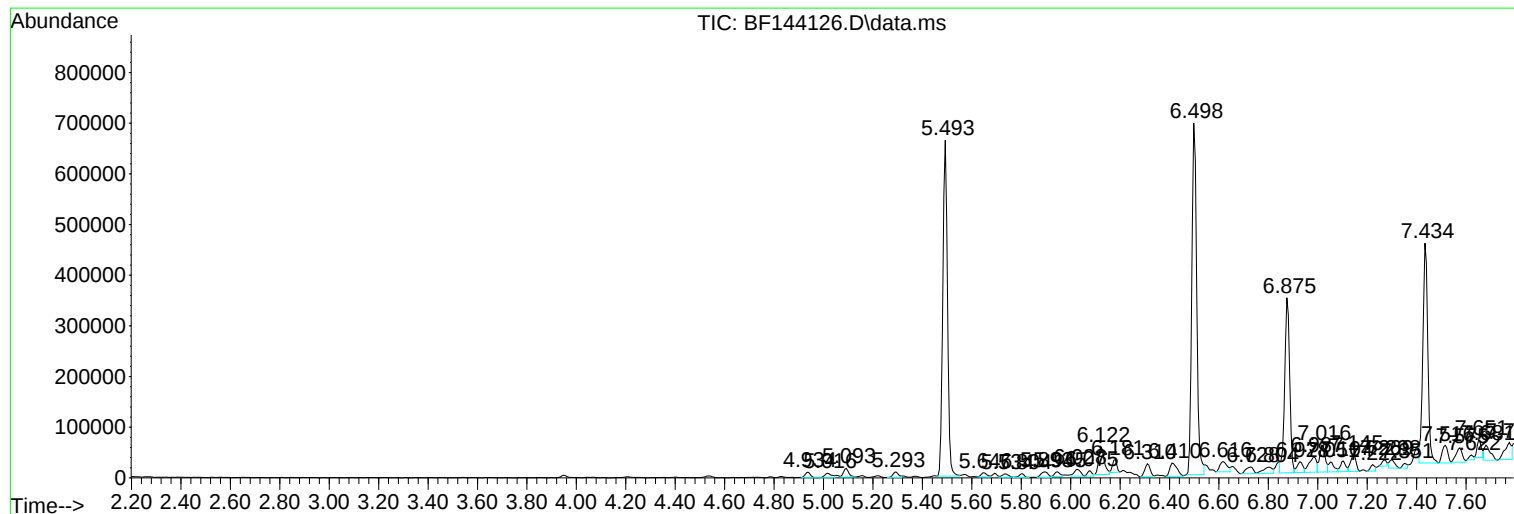
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144126.D
Acq On : 29 Oct 2025 14:03
Operator : RC/JU
Sample : Q3419-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144126.D
Acq On : 29 Oct 2025 14:03
Operator : RC/JU
Sample : Q3419-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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PR132-S16-119133-20251021

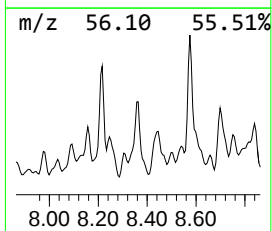
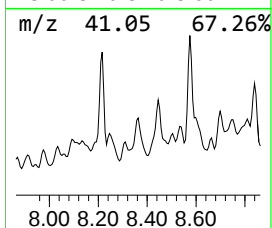
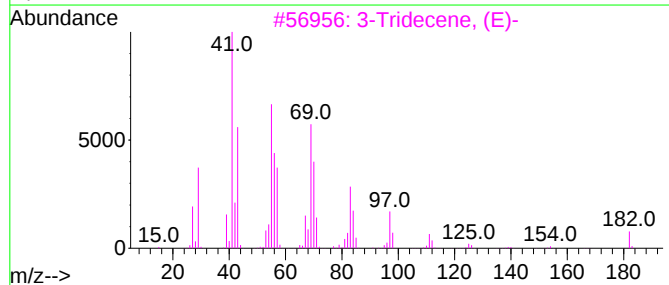
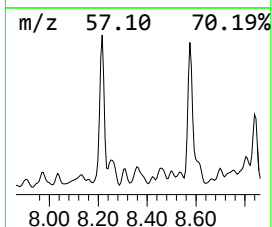
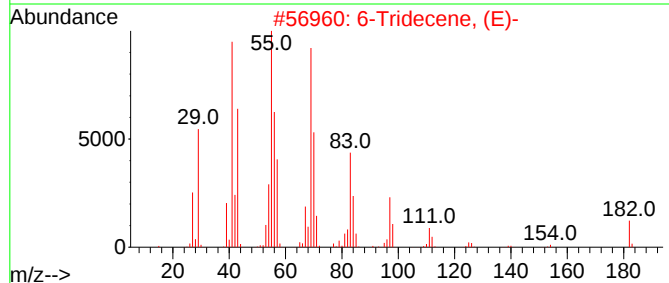
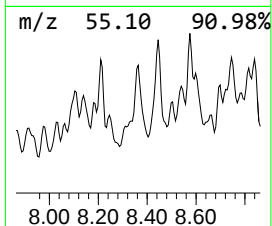
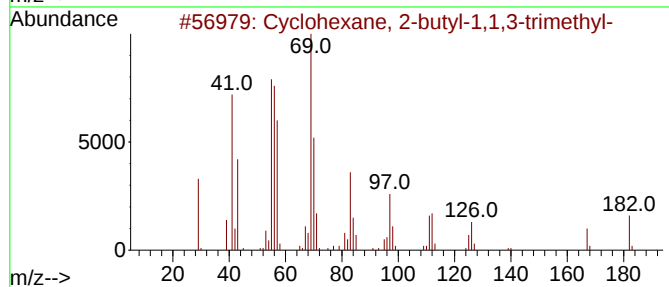
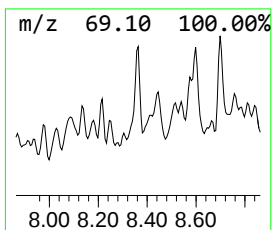
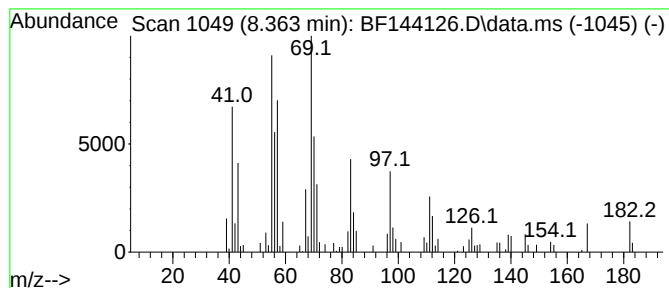
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	3.41 ng	91543	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2			6-Tridecene, (E)-	182	C13H26	006434-76-0	80
3			3-Tridecene, (E)-	182	C13H26	041446-57-5	80
4			3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	72
5			Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	68



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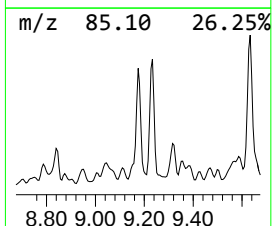
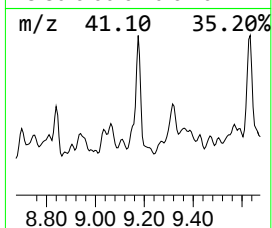
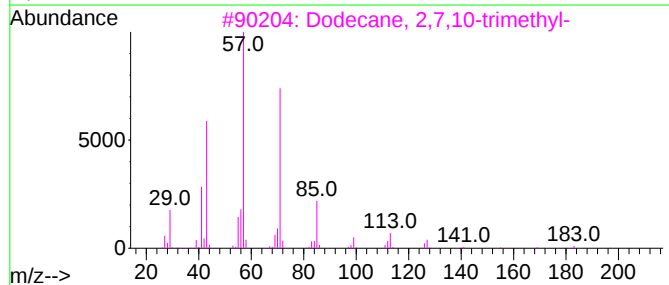
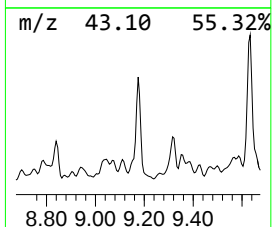
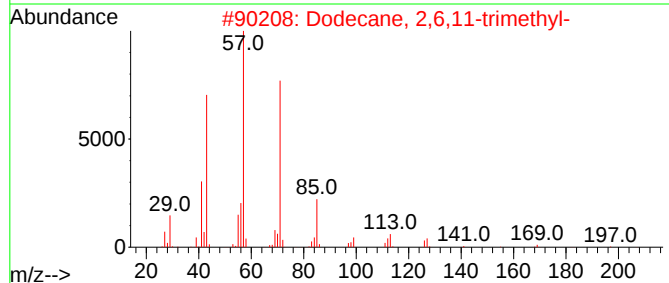
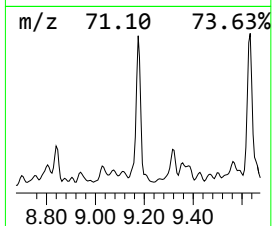
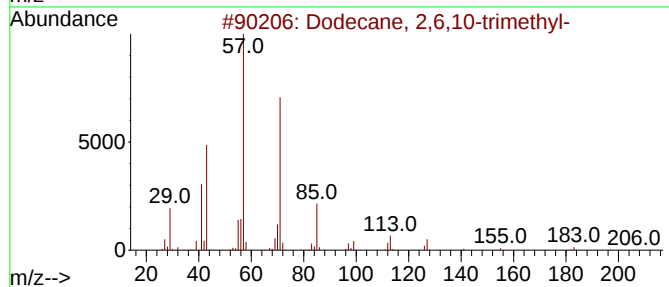
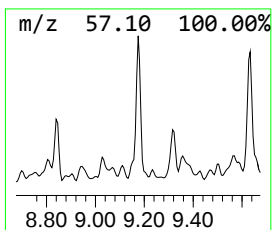
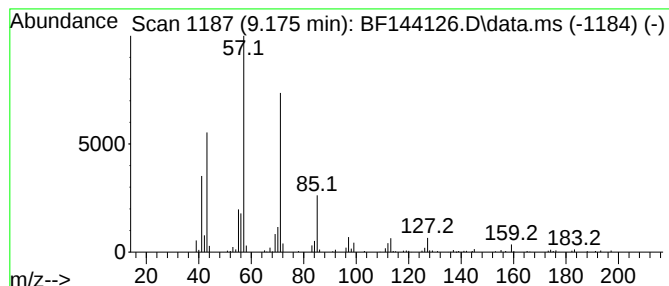
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	8.59 ng	212572	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72



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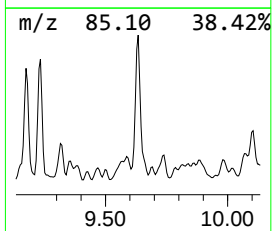
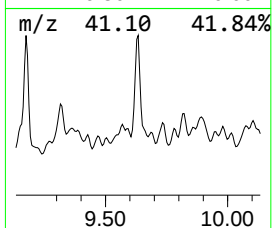
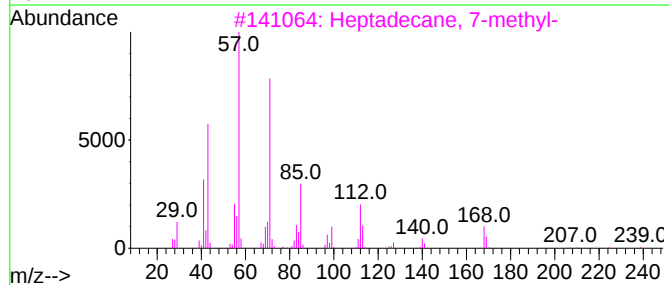
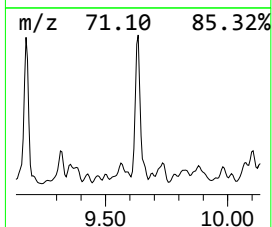
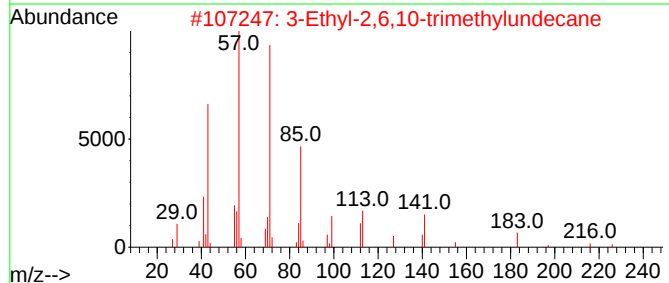
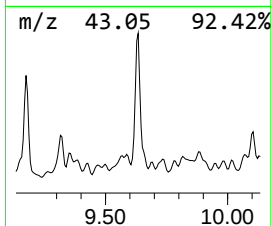
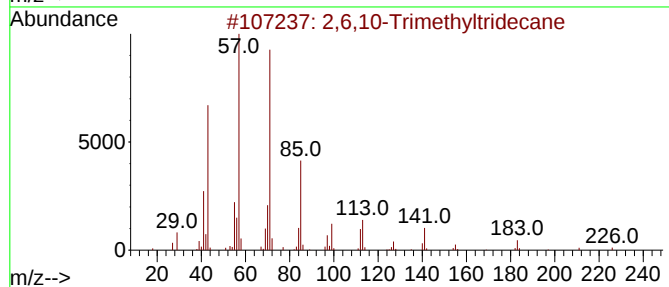
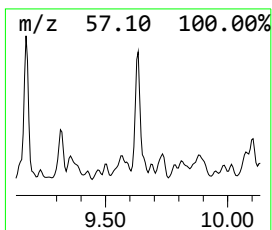
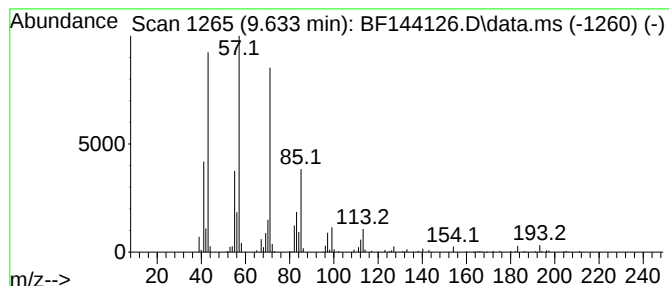
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2,6,10-Trimethyltridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.633	11.76 ng	290991	Acenaphthene-d10			9.916
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
2		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
3		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	83
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5		Tetratetracontane	619	C44H90	007098-22-8	78



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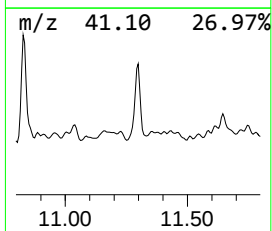
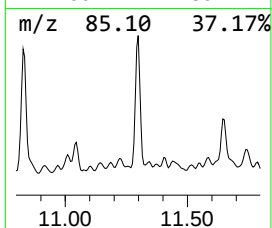
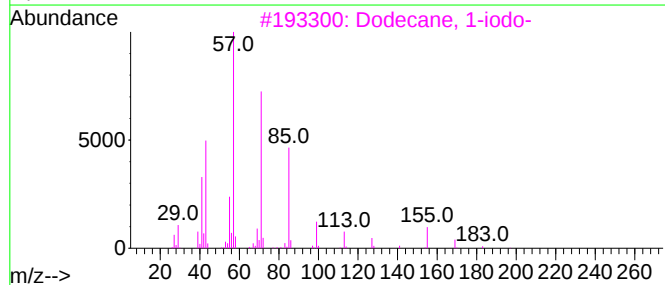
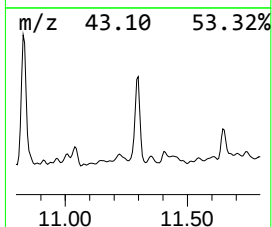
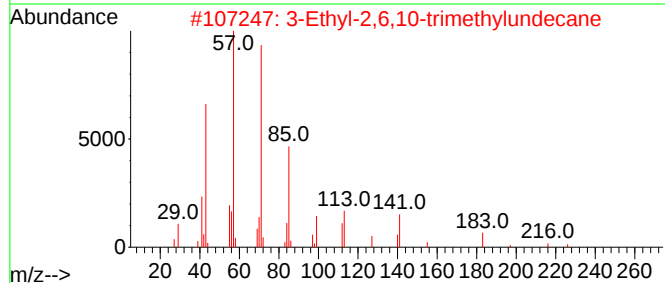
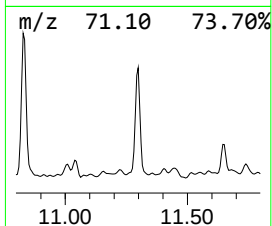
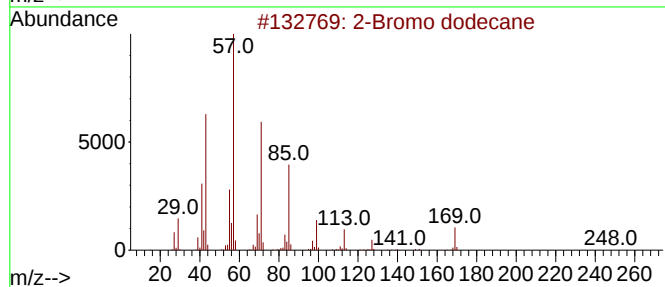
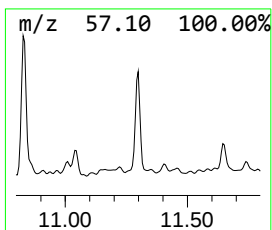
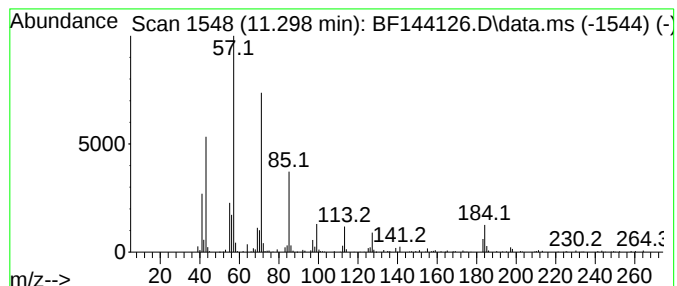
Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.298	8.66 ng	293913	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	91
2	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	86
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80
5	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144126.D
Acq On : 29 Oct 2025 14:03
Operator : RC/JU
Sample : Q3419-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

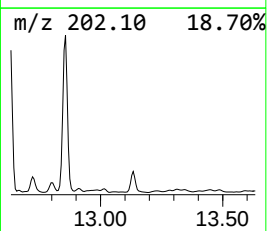
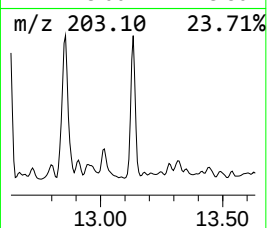
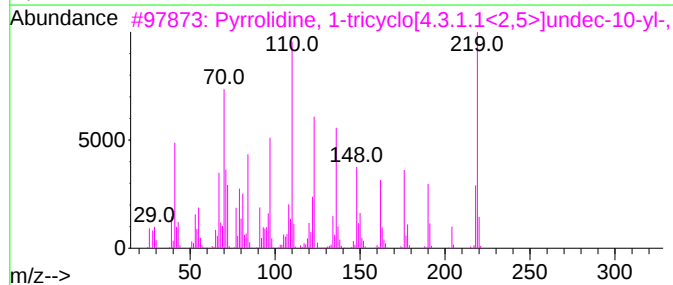
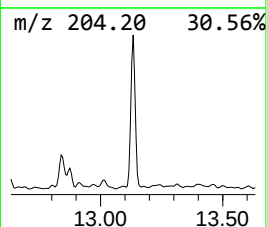
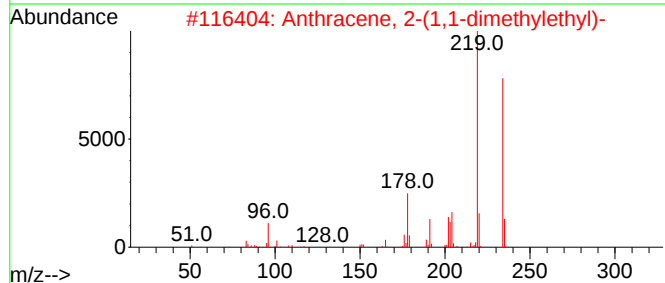
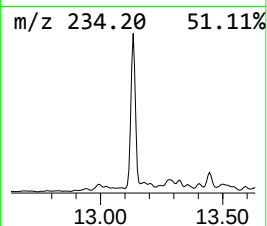
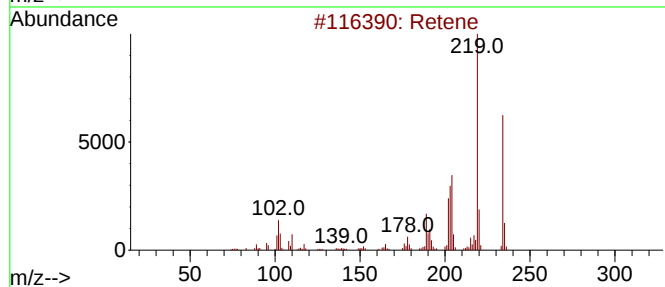
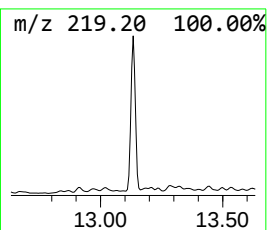
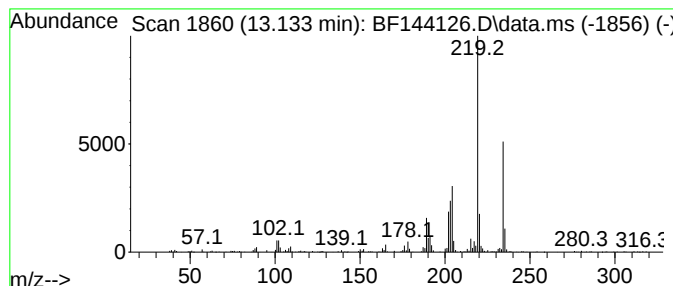
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Retene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	7.94 ng	251759	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Retene	234	C18H18	000483-65-8	97
2			Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	86
3			Pyrrolidine, 1-tricyclo[4.3.1.1<...]	219	C15H25N	085538-51-8	80
4			Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	74
5			Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144126.D
Acq On : 29 Oct 2025 14:03
Operator : RC/JU
Sample : Q3419-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S16-119133-20251021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 2-...	8.363	3.4	ng	91543	2	8.157	537502	20.0
Dodecane, 2,6,1...	9.175	8.6	ng	212572	3	9.916	495070	20.0
2,6,10-Trimethy...	9.633	11.8	ng	290991	3	9.916	495070	20.0
2-Bromo dodecane	11.298	8.7	ng	293913	4	11.404	678727	20.0
Retene	13.133	7.9	ng	251759	5	14.057	634494	20.0