

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050127.D
 Acq On : 06 May 2025 19:54
 Operator : RC/JU
 Sample : Q1962-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-01-050525

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_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050127.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	317	321	328	rVB	39405	62160	1.70%	0.140%
2	5.345	395	401	423	rBV	420418	818403	22.42%	1.849%
3	6.945	668	673	695	rBV	295781	729221	19.98%	1.648%
4	7.745	802	809	825	rBV	999555	1696239	46.48%	3.832%
5	8.916	1002	1008	1016	rBV	188650	434535	11.91%	0.982%
6	9.457	1090	1100	1107	rVB9	16317	45014	1.23%	0.102%
7	9.939	1178	1182	1189	rBV6	17909	40345	1.11%	0.091%
8	10.169	1217	1221	1229	rVB2	19667	36653	1.00%	0.083%
9	10.539	1273	1284	1299	rBV	1165106	2291926	62.80%	5.178%
10	11.004	1359	1363	1372	rVB5	23232	55794	1.53%	0.126%
11	11.204	1392	1397	1400	rBV4	20023	39791	1.09%	0.090%
12	11.239	1400	1403	1411	rVB9	25044	53571	1.47%	0.121%
13	11.380	1421	1427	1434	rBV6	27772	60245	1.65%	0.136%
14	11.457	1434	1440	1447	rVB5	42811	89765	2.46%	0.203%
15	11.563	1454	1458	1462	rBV	45383	78604	2.15%	0.178%
16	11.733	1482	1487	1495	rVB3	72199	142093	3.89%	0.321%
17	11.963	1516	1526	1532	rBV2	160310	316244	8.66%	0.714%
18	12.098	1545	1549	1554	rVB2	47450	76205	2.09%	0.172%
19	12.174	1558	1562	1568	rVB6	22443	50068	1.37%	0.113%
20	12.410	1598	1602	1605	rBV6	22732	40419	1.11%	0.091%
21	12.463	1606	1611	1615	rVV2	97423	165815	4.54%	0.375%
22	12.604	1628	1635	1639	rBV5	40745	77085	2.11%	0.174%
23	12.651	1639	1643	1649	rVB6	30681	63395	1.74%	0.143%
24	12.716	1650	1654	1657	rBV3	46725	71781	1.97%	0.162%
25	12.780	1661	1665	1670	rVB3	54754	87338	2.39%	0.197%
26	12.874	1676	1681	1686	rBV4	58528	117752	3.23%	0.266%
27	12.927	1686	1690	1695	rVV3	130557	194162	5.32%	0.439%
28	13.010	1699	1704	1714	rVV	734473	1158936	31.75%	2.618%
29	13.216	1734	1739	1746	rVB	387063	559356	15.33%	1.264%
30	13.333	1752	1759	1764	rVV2	100972	196343	5.38%	0.444%
31	13.380	1764	1767	1771	rVB3	61505	85582	2.34%	0.193%
32	13.668	1811	1816	1817	rBV5	46716	69527	1.91%	0.157%
33	13.874	1843	1851	1854	rBV2	219804	408277	11.19%	0.922%
34	13.915	1854	1858	1862	rVB3	136477	197475	5.41%	0.446%
35	14.045	1876	1880	1884	rBV6	37487	57172	1.57%	0.129%
36	14.086	1884	1887	1891	rBV3	26644	40841	1.12%	0.092%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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37	14.292	1917	1922	1927	rBV	834217	1083698	29.69%	2.448%
38	14.392	1931	1939	1947	rVV	1990547	3103938	85.05%	7.013%
39	14.757	1993	2001	2004	rBV6	97447	252305	6.91%	0.570%
40	14.798	2004	2008	2013	rVB2	118689	175109	4.80%	0.396%
41	14.915	2024	2028	2036	rVB4	207168	338241	9.27%	0.764%
42	14.980	2036	2039	2042	rBV	73674	79286	2.17%	0.179%
43	15.245	2079	2084	2089	rVB	1170621	1438760	39.42%	3.251%
44	15.345	2098	2101	2111	rVB4	86702	187786	5.15%	0.424%
45	15.651	2147	2153	2158	rVB	401680	676892	18.55%	1.529%
46	15.751	2166	2170	2175	rVB3	131958	225282	6.17%	0.509%
47	15.804	2175	2179	2185	rBV2	139524	240336	6.59%	0.543%
48	15.868	2186	2190	2191	rBV2	165029	208778	5.72%	0.472%
49	15.898	2191	2195	2201	rVB	478585	759138	20.80%	1.715%
50	16.109	2226	2231	2233	rBV	1499833	1963099	53.79%	4.435%
51	16.451	2285	2289	2292	rBV	127907	191624	5.25%	0.433%
52	16.568	2306	2309	2312	rBV	87187	91336	2.50%	0.206%
53	16.680	2326	2328	2331	rBV	81168	78211	2.14%	0.177%
54	16.898	2361	2365	2370	rBV	1504947	1849100	50.66%	4.178%
55	16.951	2370	2374	2385	rVB	548893	979136	26.83%	2.212%
56	17.145	2401	2407	2413	rBV2	2194016	3355103	91.93%	7.580%
57	17.374	2443	2446	2452	rVB	120431	166180	4.55%	0.375%
58	17.439	2454	2457	2463	rVB2	150984	198283	5.43%	0.448%
59	17.556	2474	2477	2482	rBV2	138688	199685	5.47%	0.451%
60	17.639	2486	2491	2496	rVB	1536068	1739221	47.65%	3.929%
61	17.915	2535	2538	2543	rBV2	116428	198046	5.43%	0.447%
62	18.039	2555	2559	2563	rBV2	264162	404736	11.09%	0.914%
63	18.333	2604	2609	2613	rBV	1285109	1577531	43.22%	3.564%
64	18.798	2685	2688	2691	rBV	104614	120913	3.31%	0.273%
65	18.962	2712	2716	2725	rVB	1082700	1548815	42.44%	3.499%
66	19.545	2812	2815	2819	rBV	789249	893363	24.48%	2.018%
67	19.768	2849	2853	2858	rVB	1169209	1431646	39.23%	3.234%
68	20.080	2903	2906	2910	rVB	551364	582517	15.96%	1.316%
69	20.574	2987	2990	2994	rBV	353236	405248	11.10%	0.916%
70	21.386	3123	3128	3135	rBV	2245766	3160718	86.60%	7.141%
71	24.380	3631	3637	3649	rVB	1463078	3649701	100.00%	8.246%

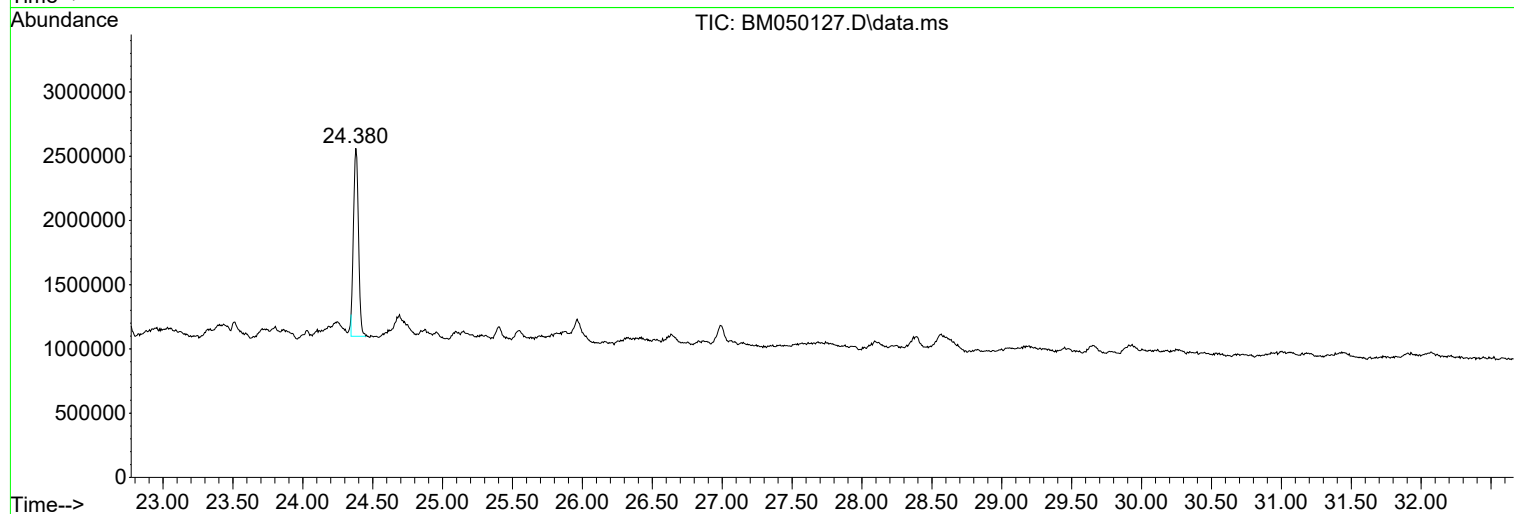
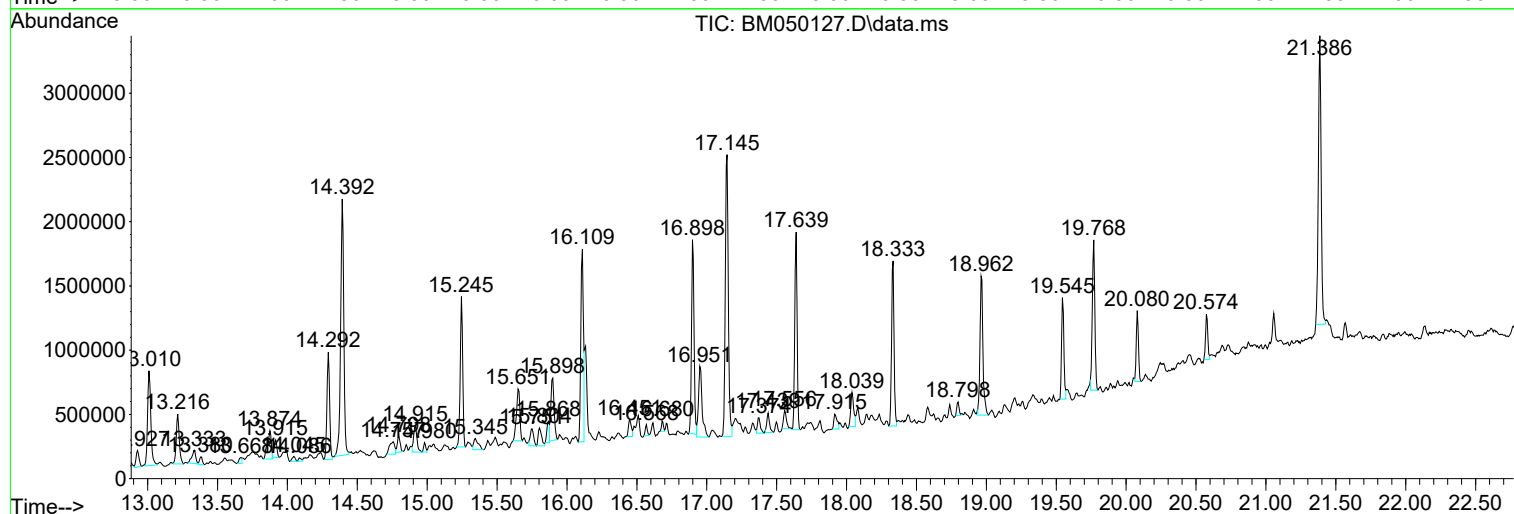
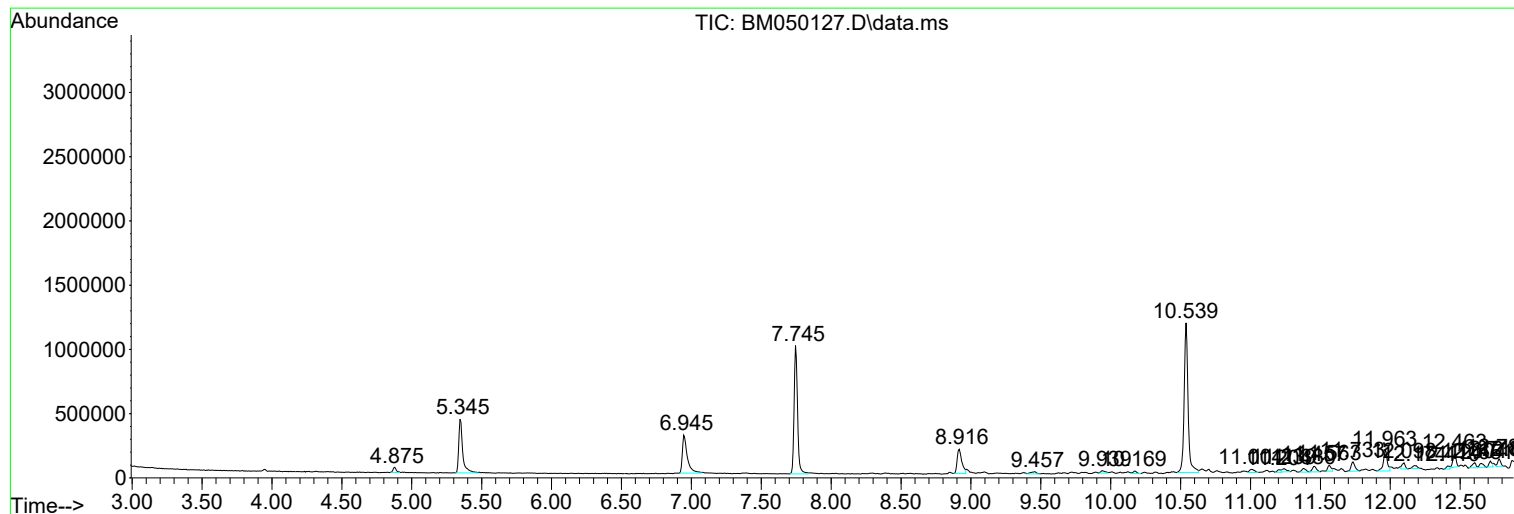
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
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Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-050525

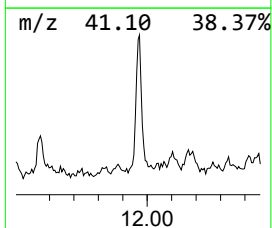
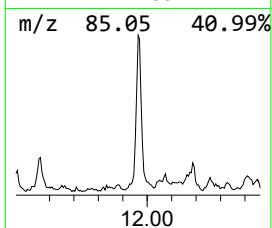
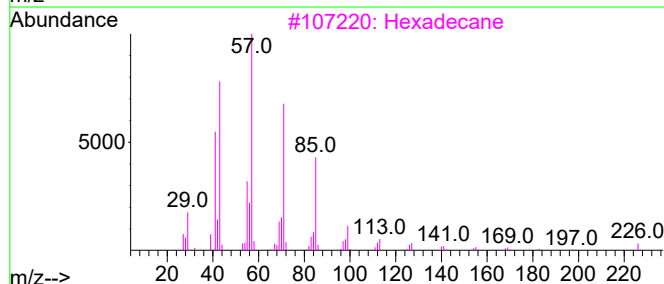
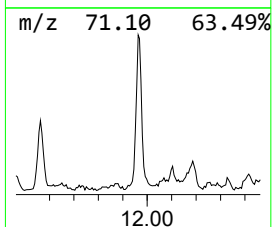
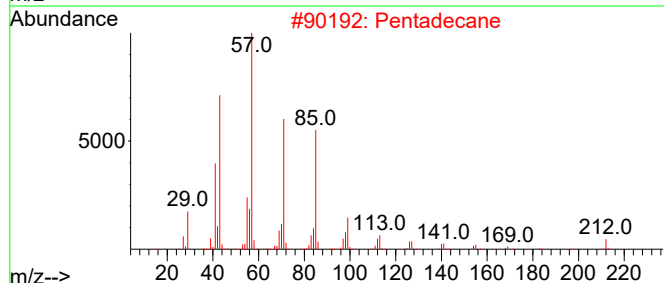
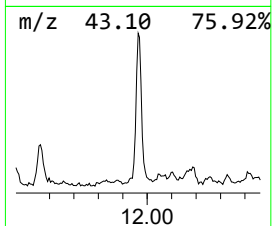
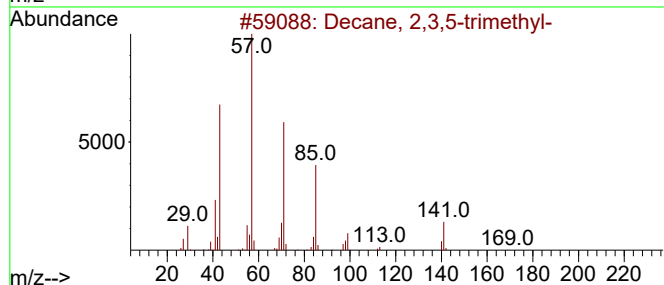
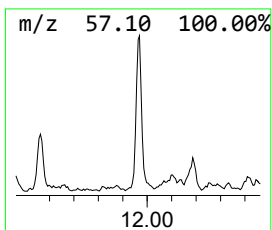
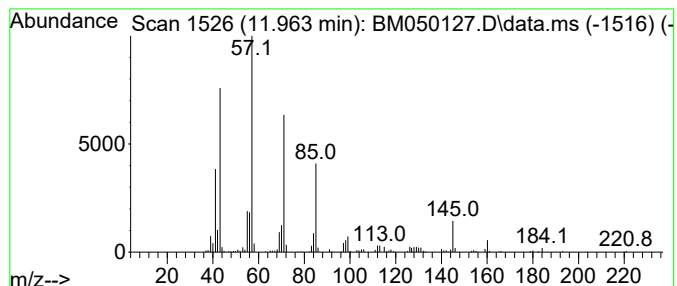
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	2.76 ng	316244	Naphthalene-d8	10.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
2		Pentadecane	212	C15H32	000629-62-9	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Tridecane	184	C13H28	000629-50-5	70
5		Octadecane	254	C18H38	000593-45-3	64



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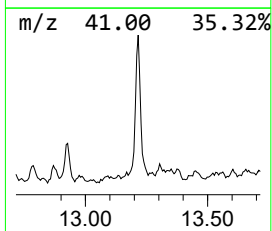
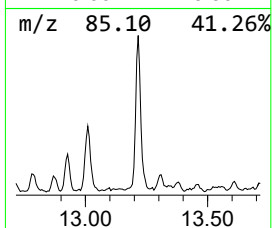
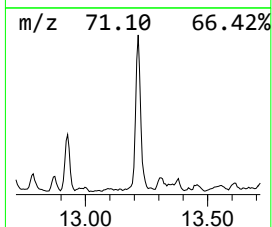
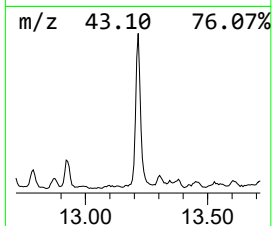
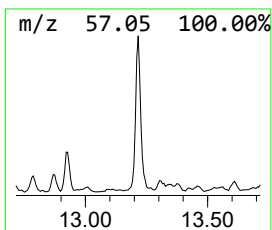
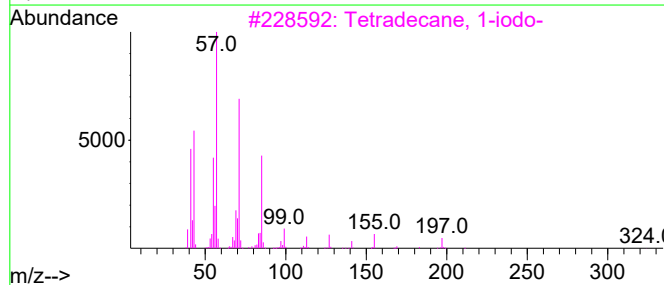
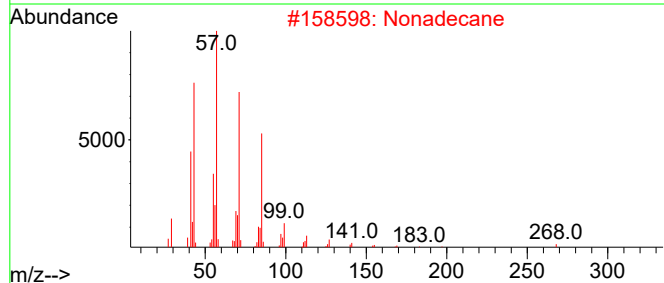
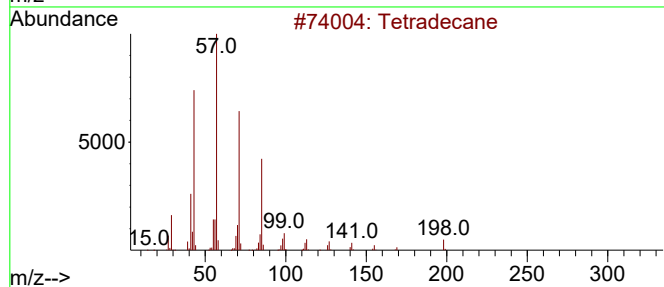
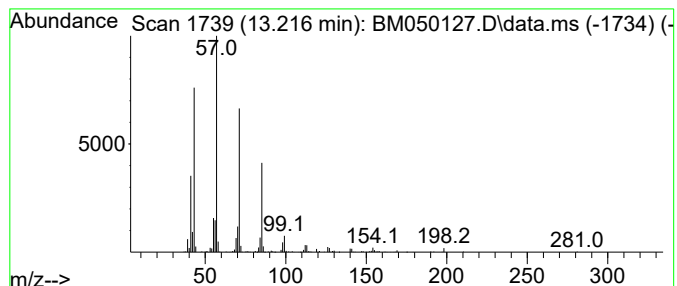
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	3.60 ng	559356	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Nonadecane	268	C19H40	000629-92-5	90
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
4			Hexadecane	226	C16H34	000544-76-3	72
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



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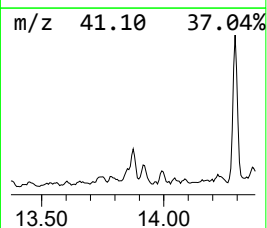
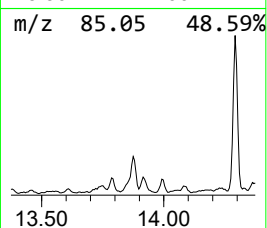
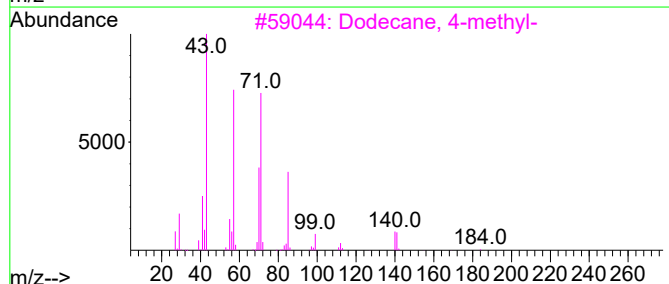
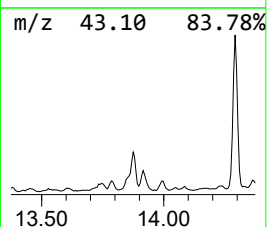
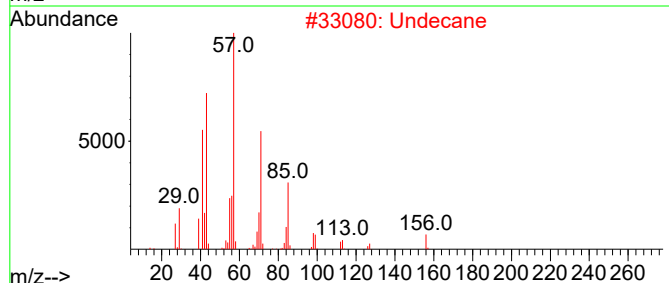
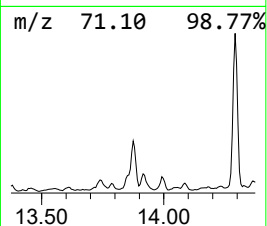
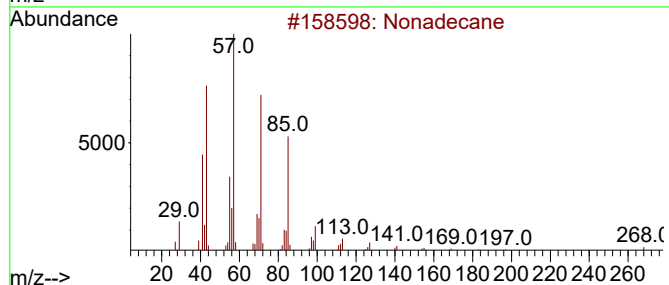
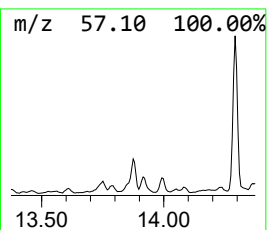
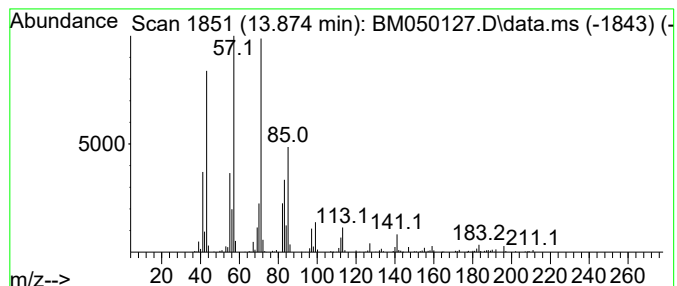
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Peak Number 3 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	2.63 ng	408277	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	72
2			Undecane	156	C11H24	001120-21-4	68
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	60
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58



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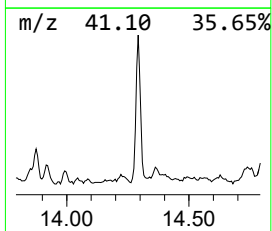
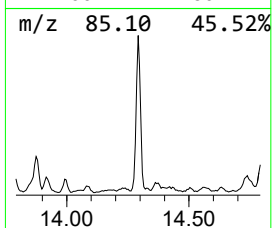
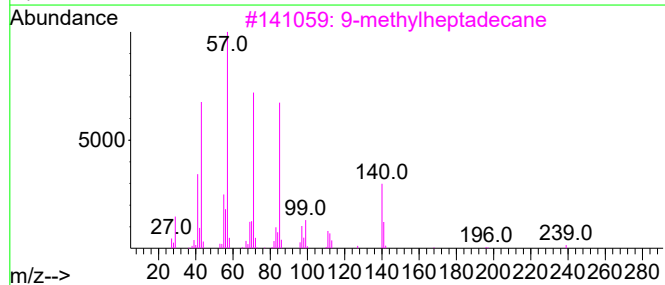
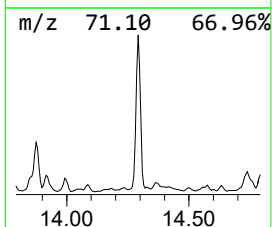
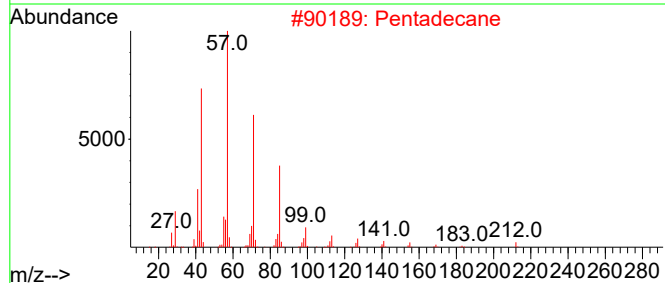
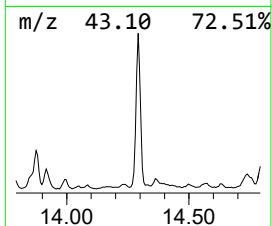
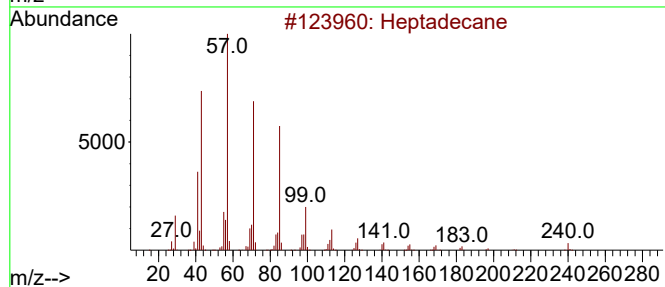
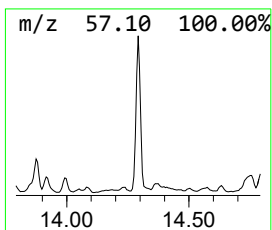
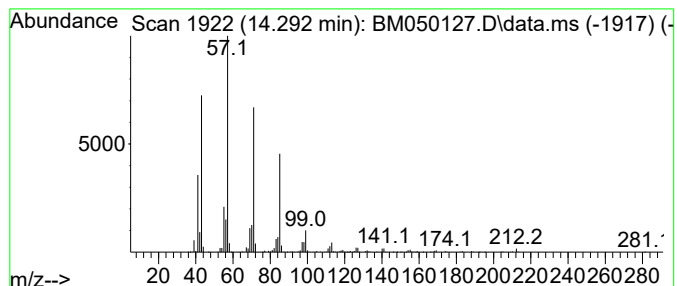
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.292	6.98 ng	1083700	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			9-methylheptadecane	254	C18H38	026741-18-4	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-050525

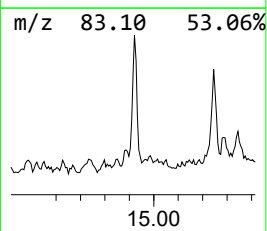
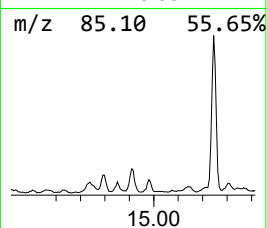
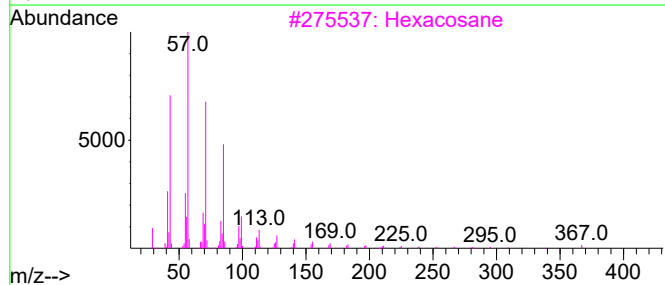
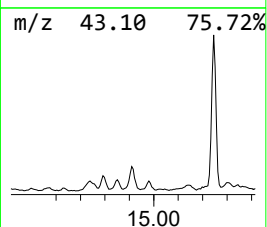
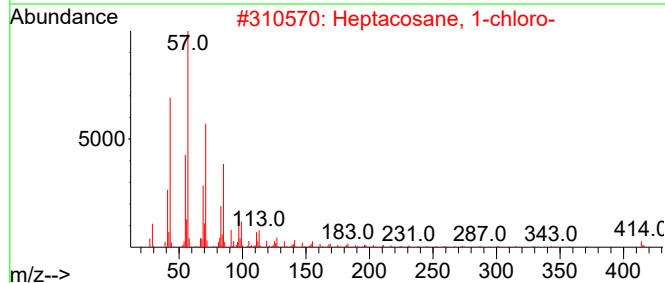
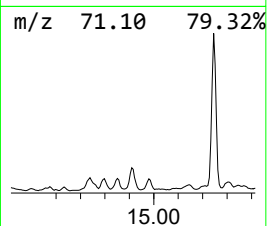
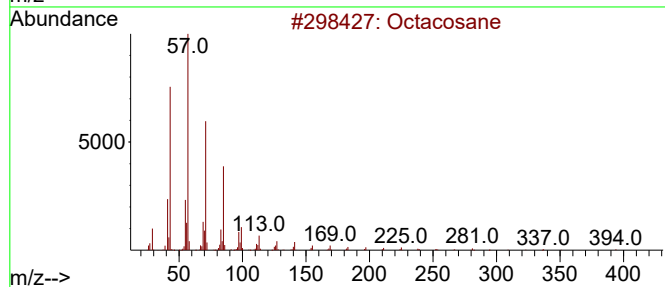
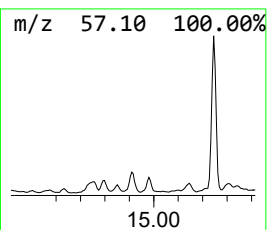
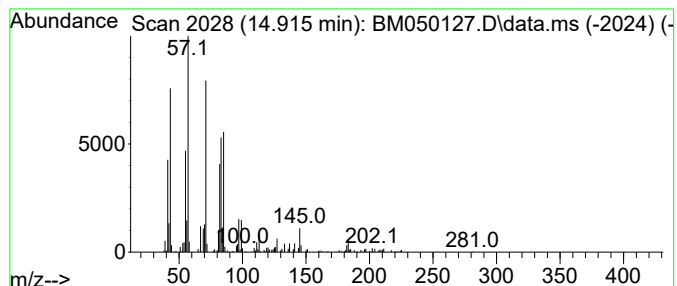
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.915	2.18 ng	338241	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	58
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58
3			Hexacosane	366	C26H54	000630-01-3	58
4			Nonadecane	268	C19H40	000629-92-5	49
5			Heneicosane	296	C21H44	000629-94-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
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Instrument :
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ClientSampleId :
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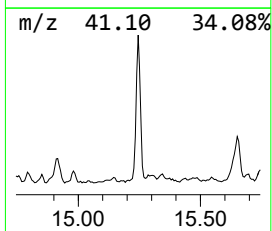
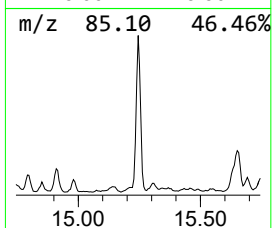
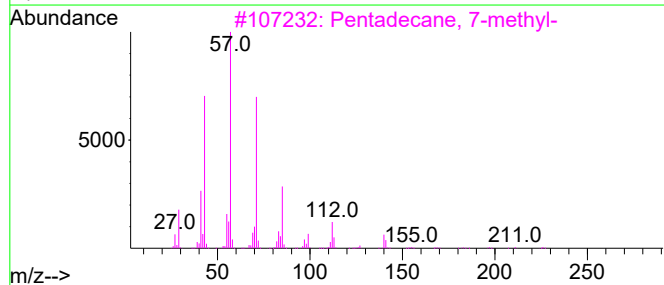
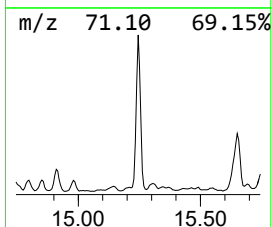
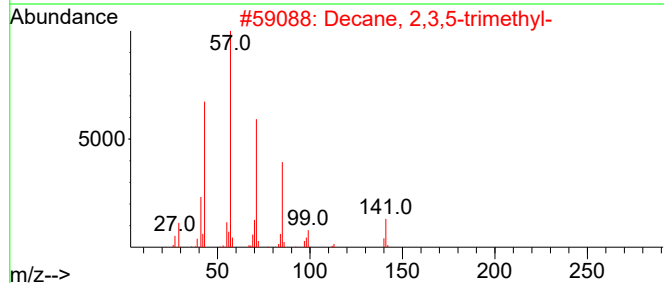
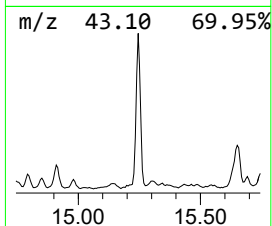
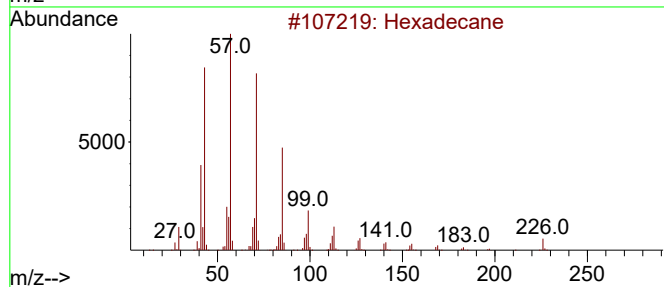
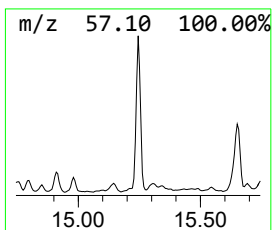
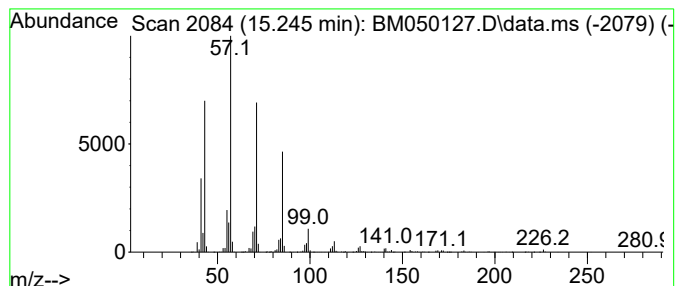
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	9.27 ng	1438760	Acenaphthene-d10	14.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-050525

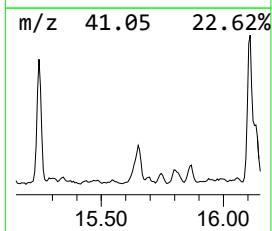
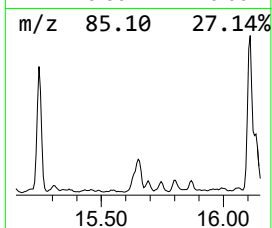
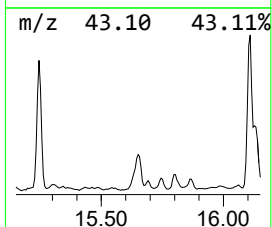
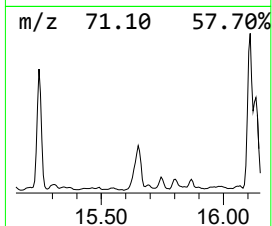
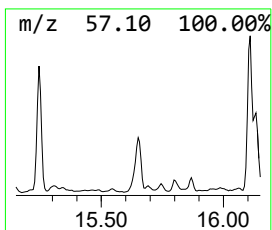
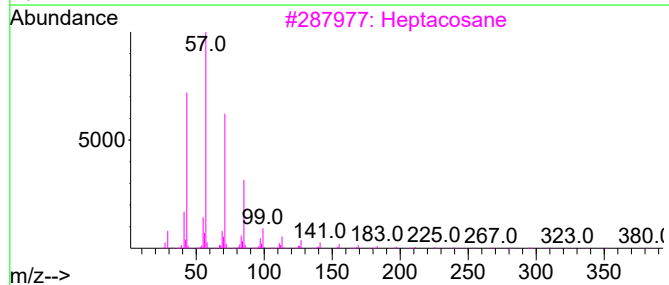
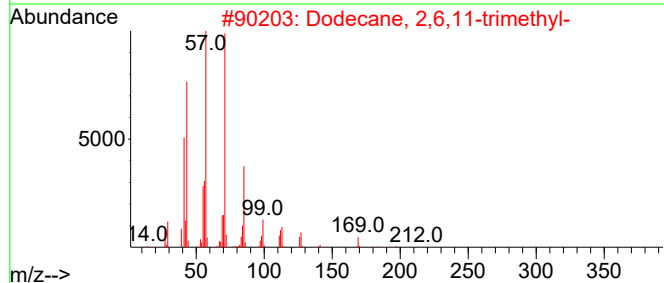
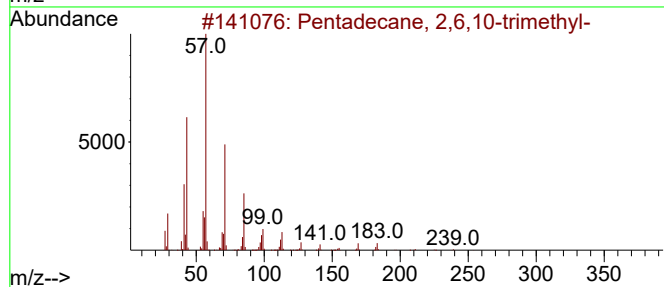
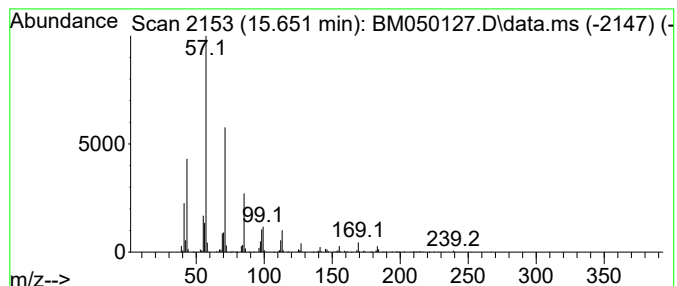
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	4.36 ng	676892	Acenaphthene-d10	14.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
3		Heptacosane	380	C27H56	000593-49-7	80
4		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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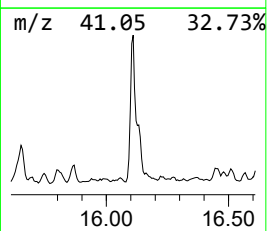
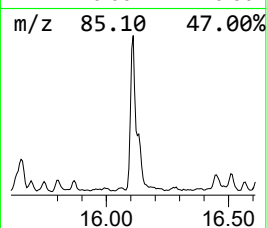
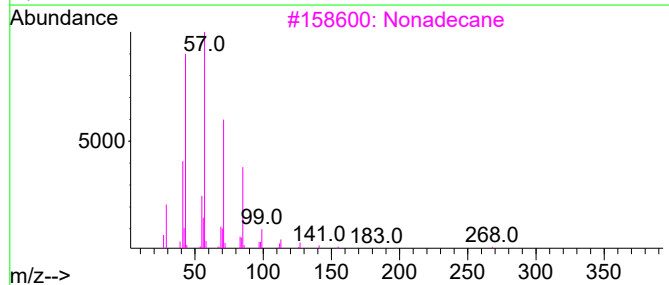
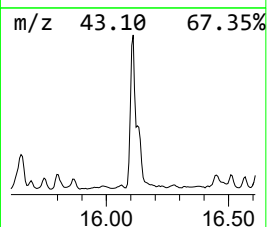
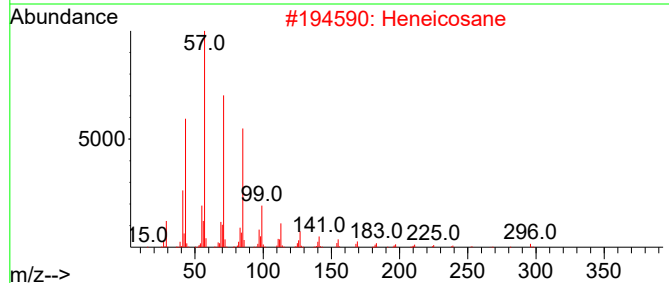
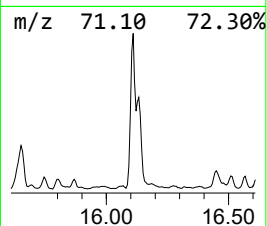
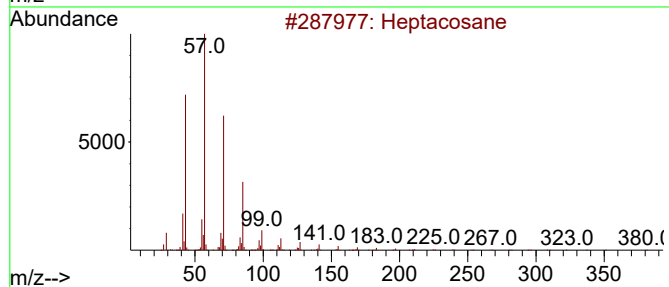
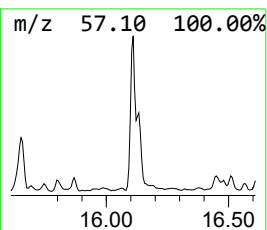
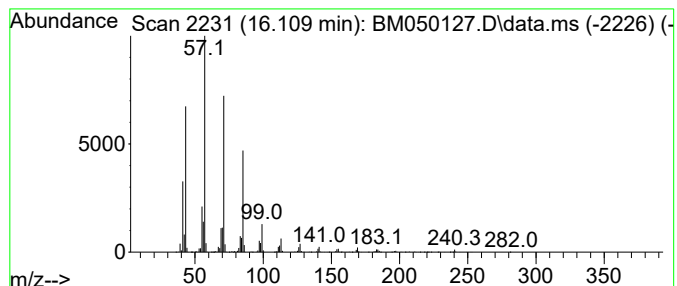
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	11.70 ng	1963100	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5			Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
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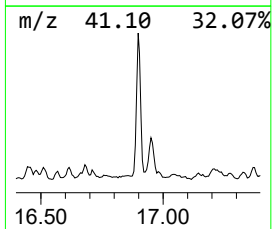
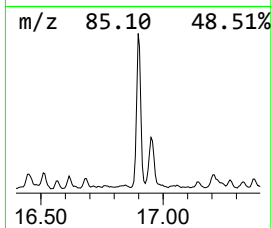
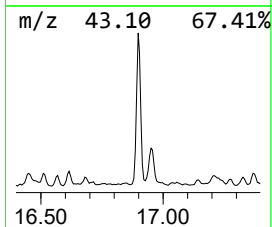
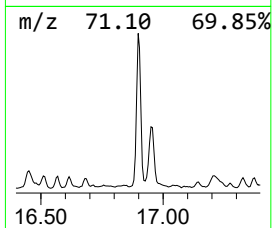
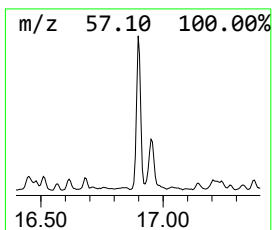
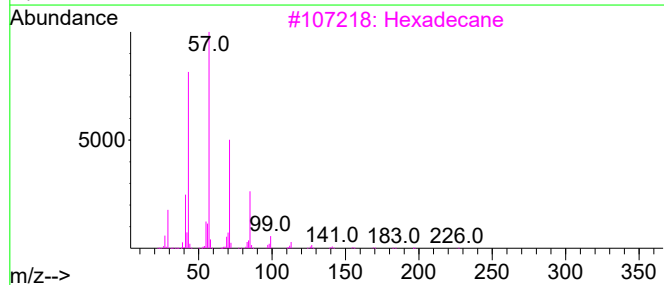
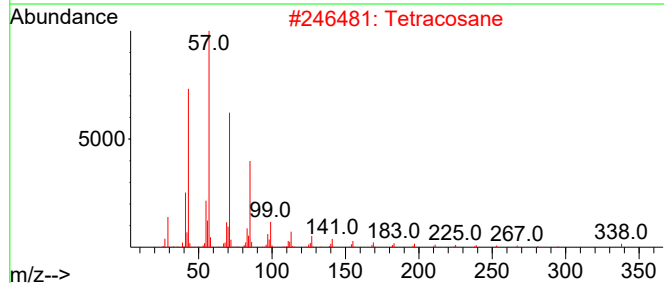
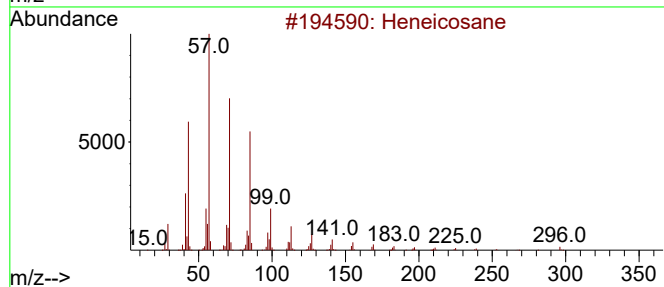
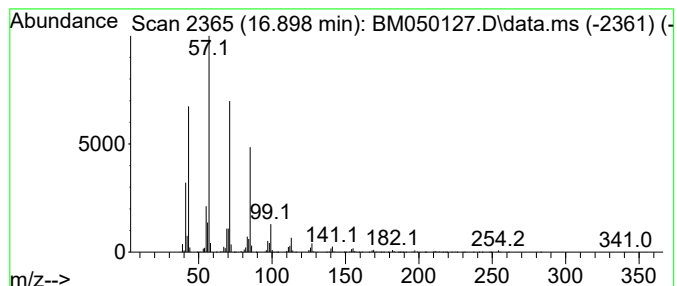
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.898	11.02 ng	1849100	Phenanthrene-d10	17.145	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
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ClientSampleId :
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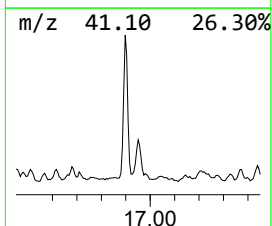
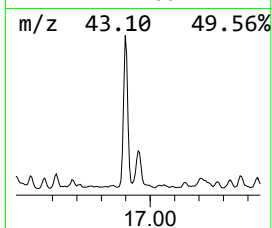
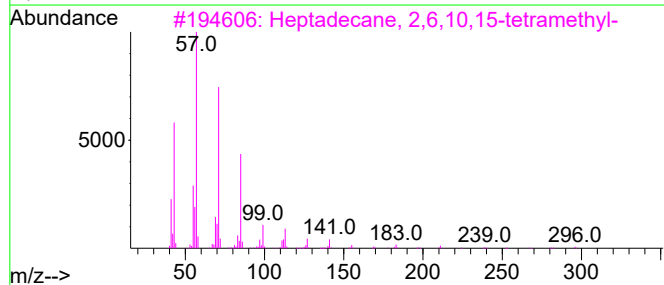
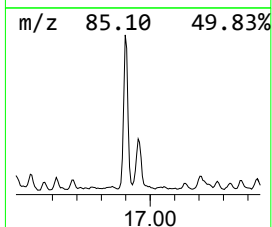
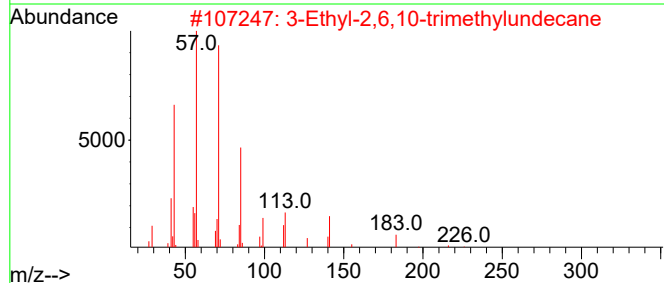
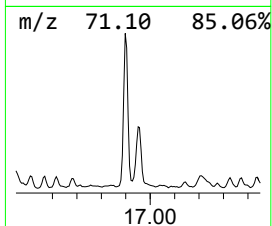
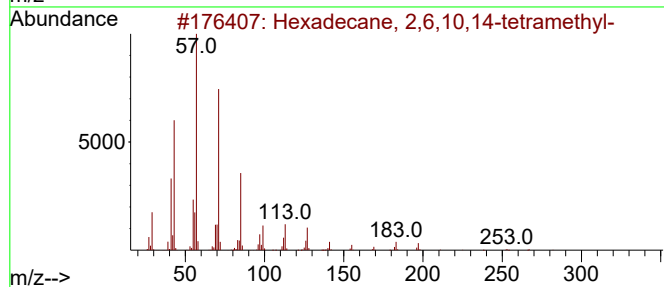
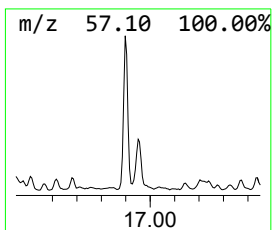
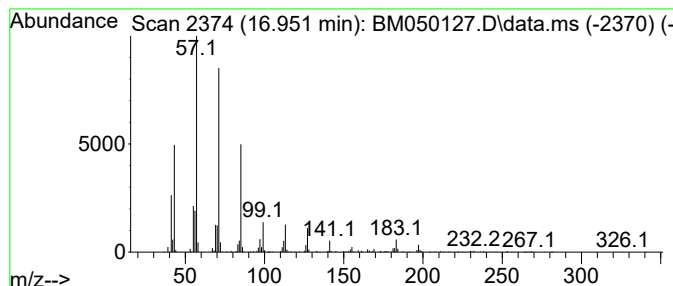
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	5.84 ng	979136	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	97
2			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Tetracosane	338	C24H50	000646-31-1	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
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Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

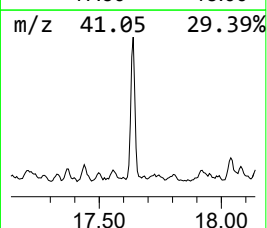
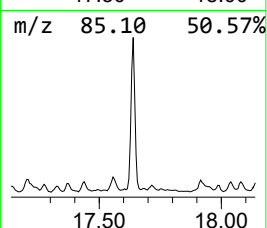
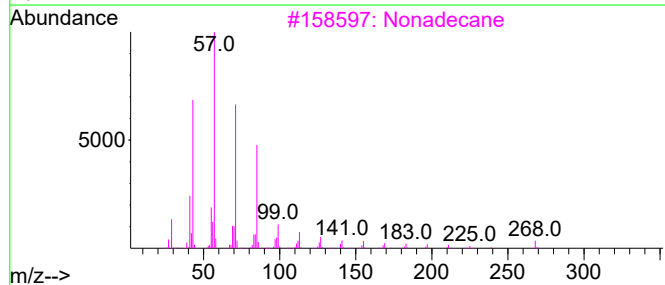
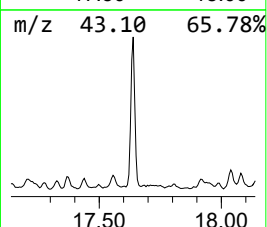
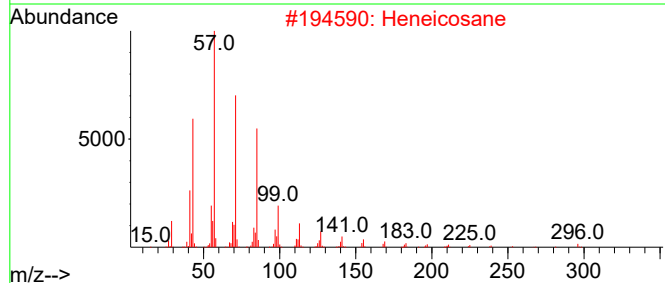
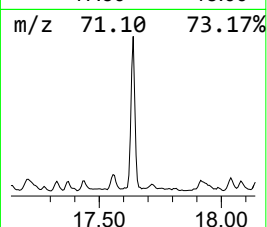
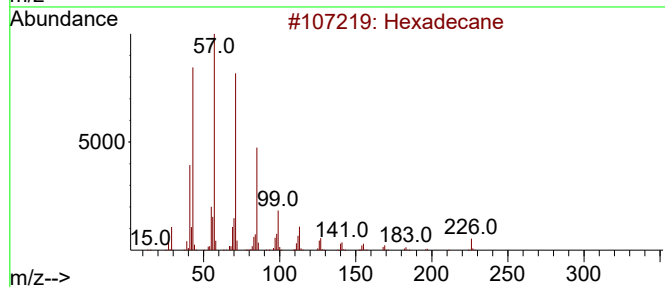
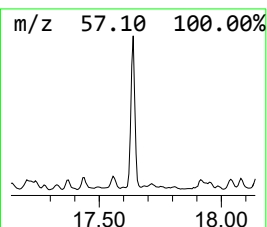
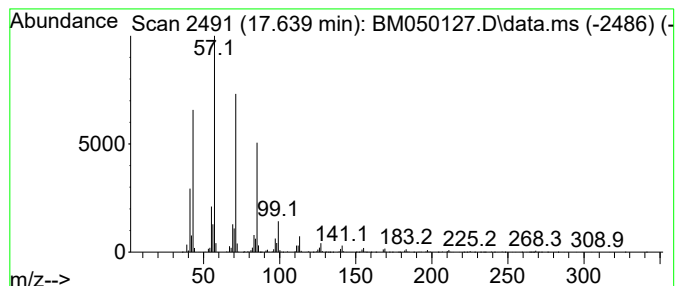
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ClientSampleId :
HD-01-050525

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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 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.639	10.37 ng	1739220	Phenanthrene-d10		17.145	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Pentadecane		212	C15H32	000629-62-9	91
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

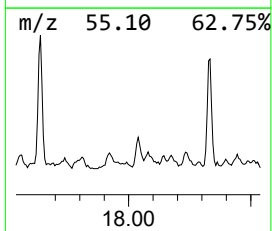
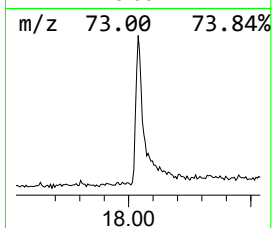
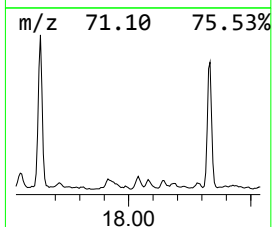
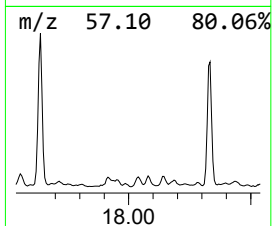
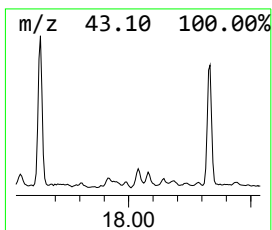
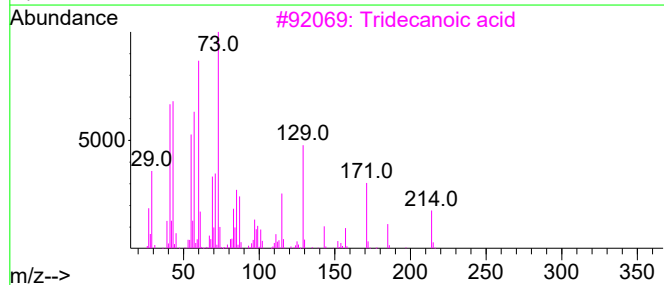
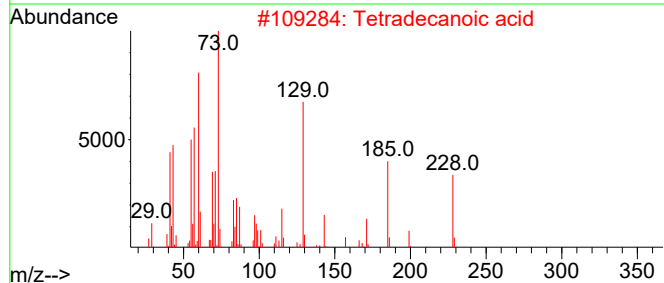
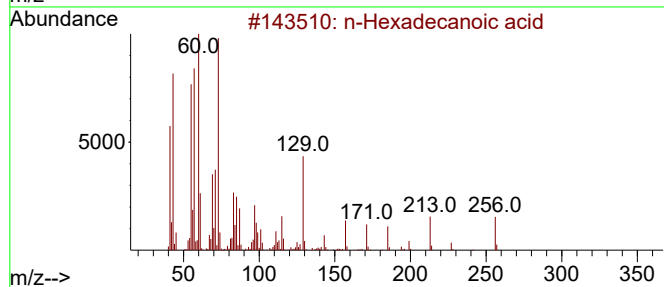
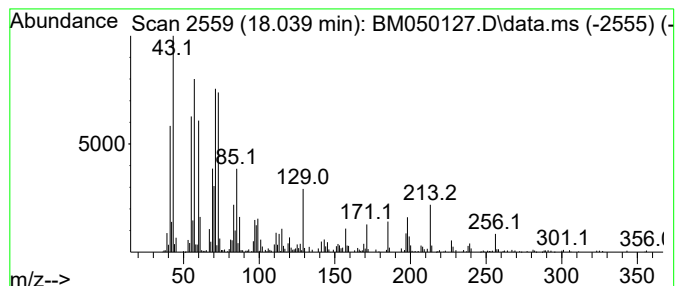
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.039	2.41 ng	404736	Phenanthrene-d10	17.145	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	46
5	Dodecane	170	C12H26	000112-40-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-050525

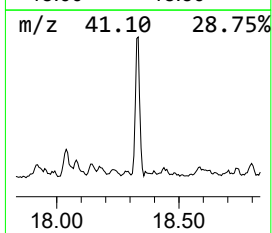
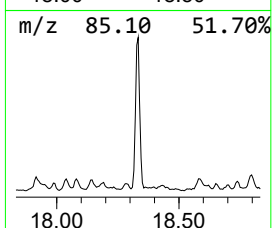
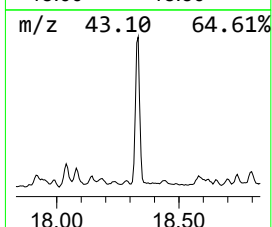
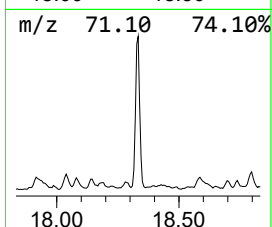
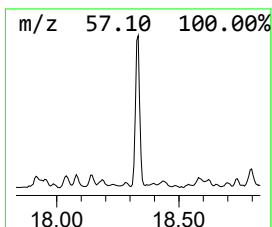
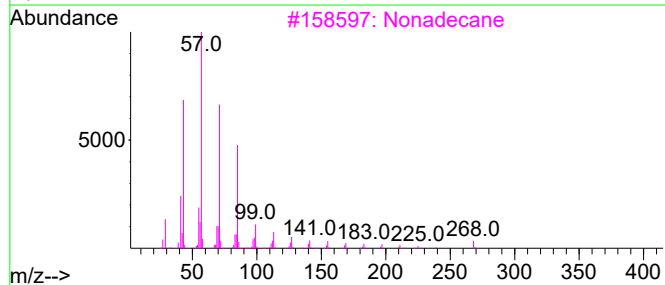
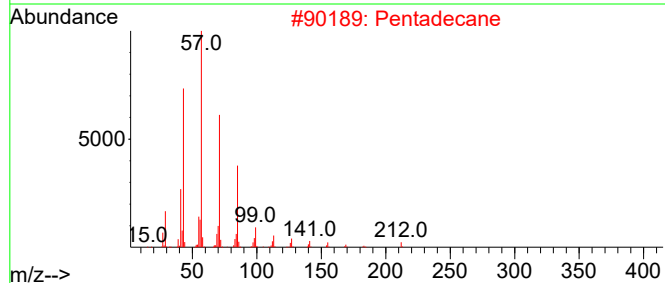
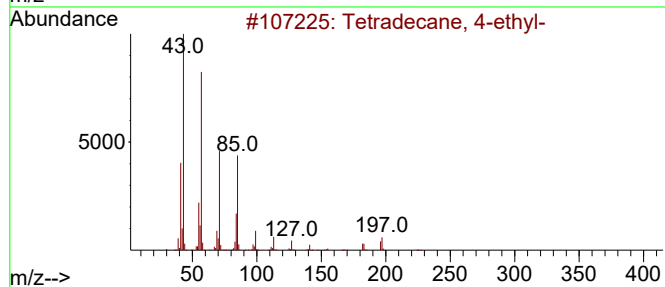
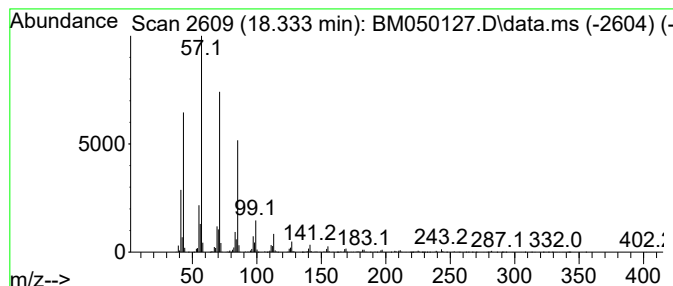
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane, 4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	9.40 ng	1577530	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
2			Pentadecane	212	C15H32	000629-62-9	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-050525

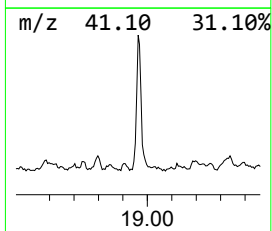
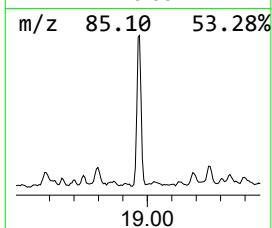
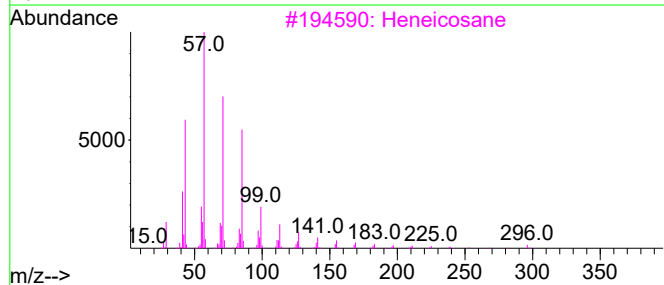
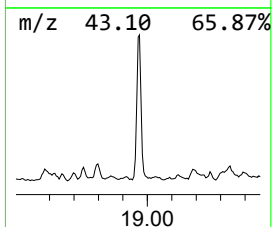
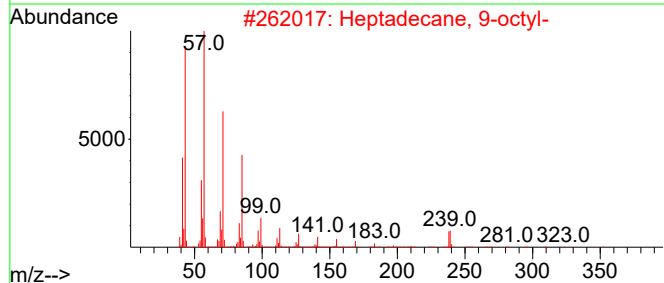
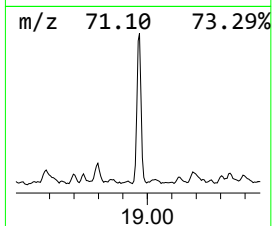
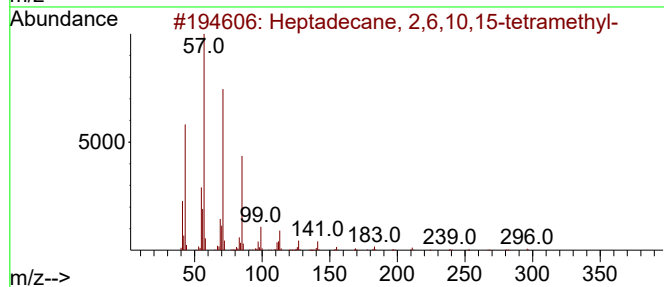
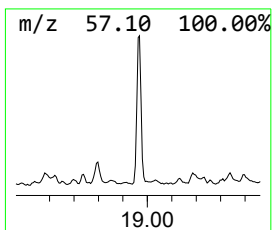
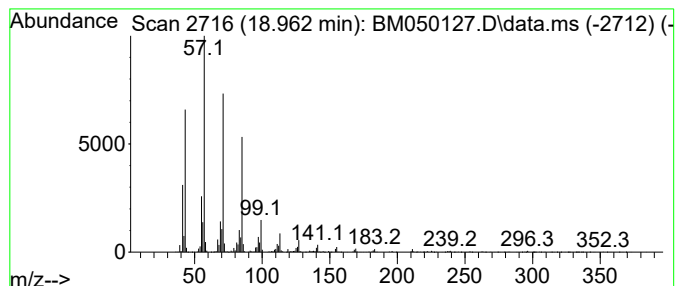
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.962	9.23 ng	1548820	Phenanthrene-d10	17.145

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

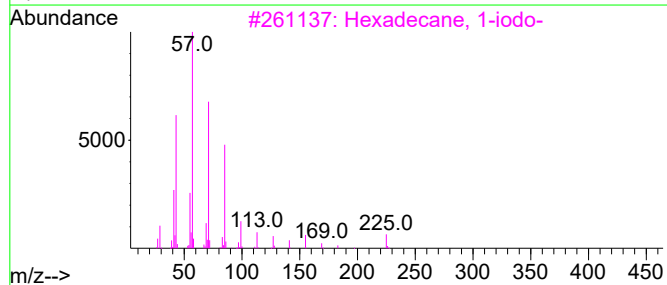
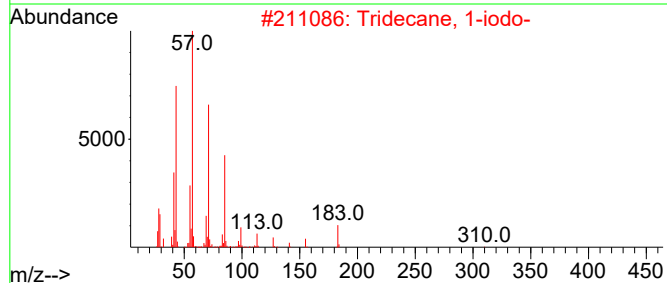
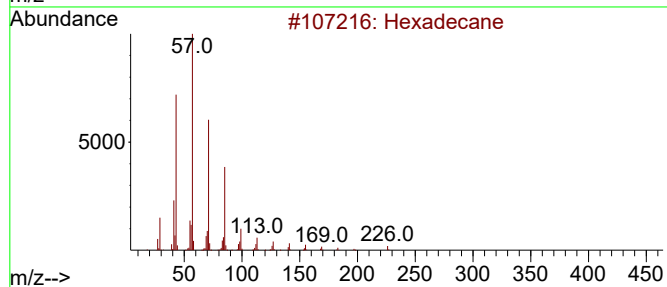
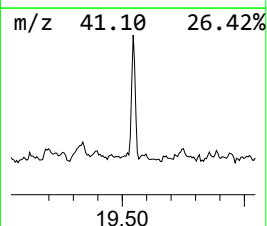
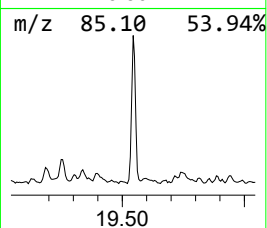
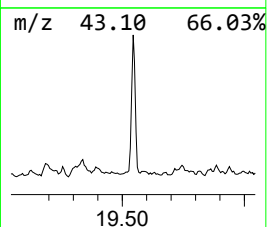
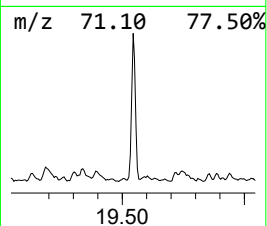
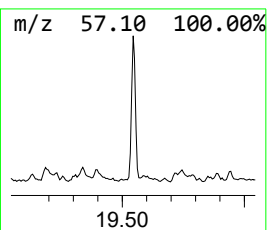
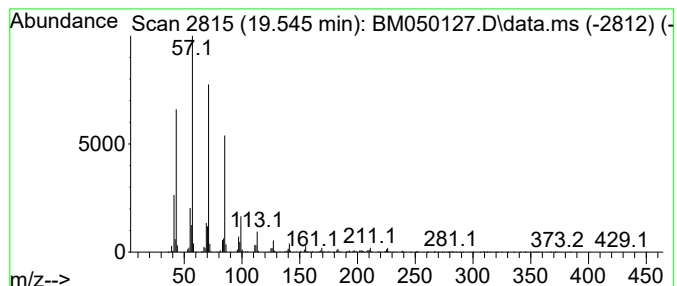
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ClientSampleId :
HD-01-050525

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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 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.544	5.65 ng	893363	Chrysene-d12		21.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	94
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	94
3	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

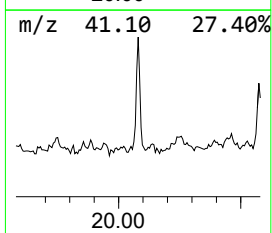
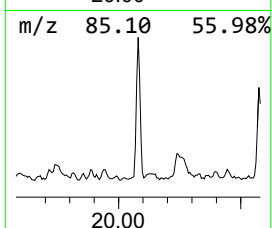
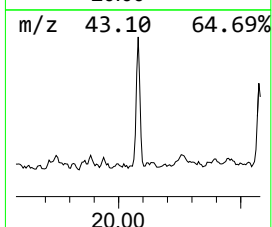
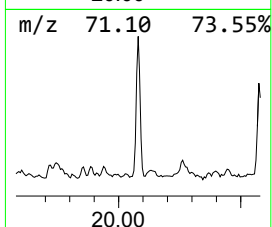
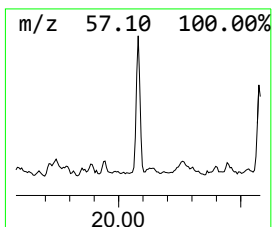
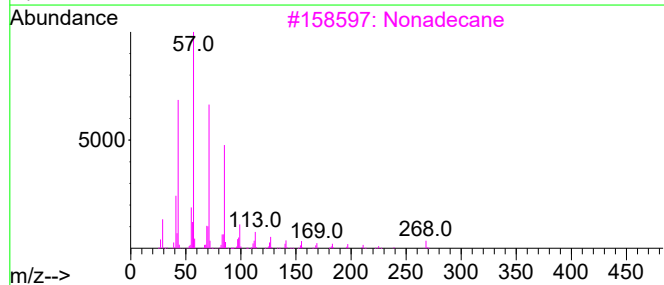
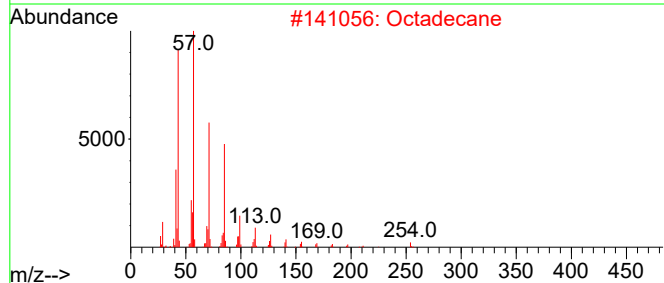
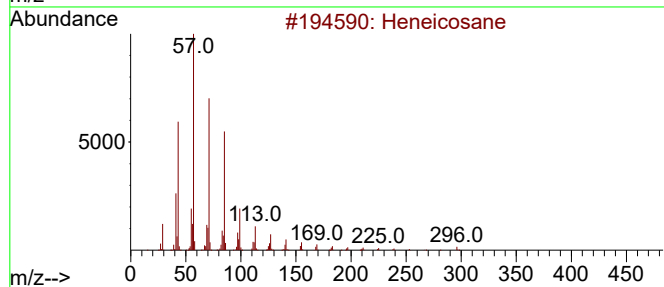
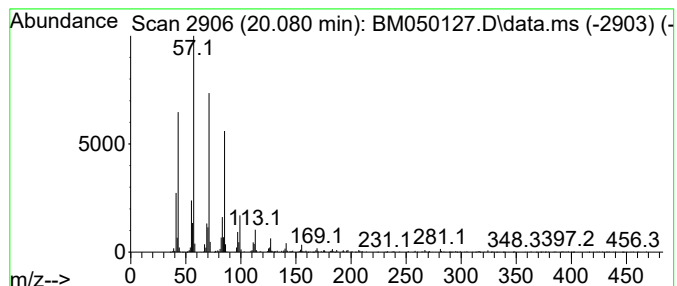
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.080	3.69 ng	582517	Chrysene-d12	21.386	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
5	Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050127.D
Acq On : 06 May 2025 19:54
Operator : RC/JU
Sample : Q1962-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

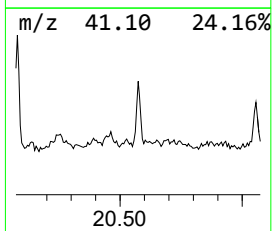
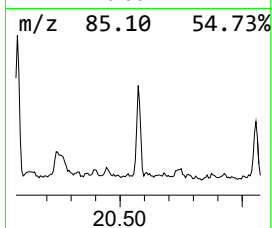
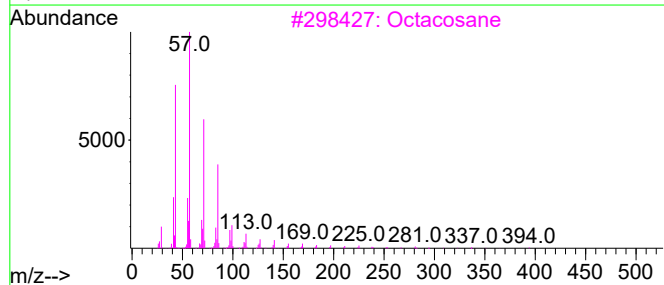
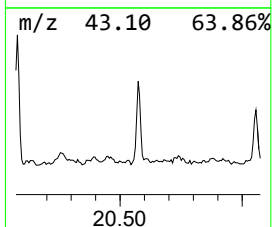
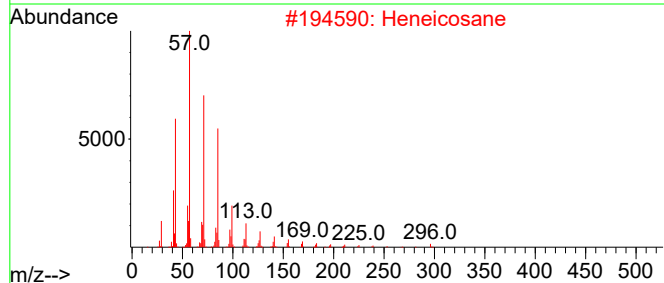
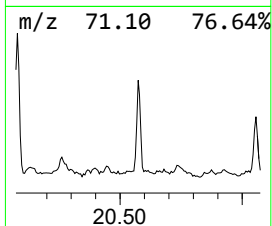
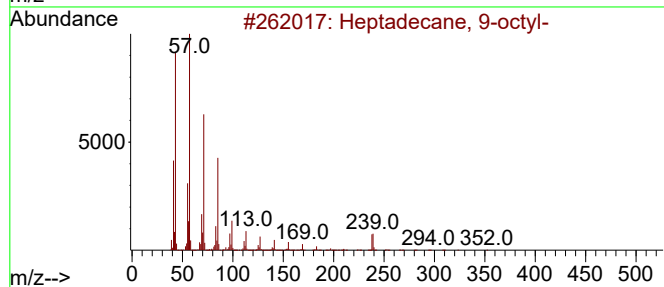
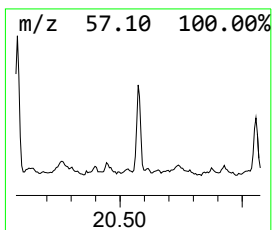
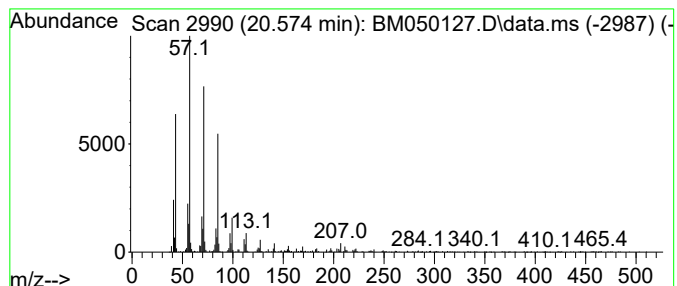
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.574	2.56 ng	405248	Chrysene-d12		21.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	95
2	Heneicosane		296	C21H44	000629-94-7	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Nonacosane, 2-methyl-		422	C30H62	001560-75-4	90
5	Heptadecane		240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050127.D
 Acq On : 06 May 2025 19:54
 Operator : RC/JU
 Sample : Q1962-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-01-050525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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Tetradecane	13.216	3.6	ng	559356	3	14.392	3103940	20.0
Nonadecane	13.874	2.6	ng	408277	3	14.392	3103940	20.0
Heptadecane	14.292	7.0	ng	1083700	3	14.392	3103940	20.0
Octacosane	14.915	2.2	ng	338241	3	14.392	3103940	20.0
Hexadecane	15.245	9.3	ng	1438760	3	14.392	3103940	20.0
Pentadecane, 2,...	15.651	4.4	ng	676892	3	14.392	3103940	20.0
Heptacosane	16.110	11.7	ng	1963100	4	17.145	3355100	20.0
Heneicosane	16.898	11.0	ng	1849100	4	17.145	3355100	20.0
Hexadecane, 2,6...	16.951	5.8	ng	979136	4	17.145	3355100	20.0
Pentadecane	17.639	10.4	ng	1739220	4	17.145	3355100	20.0
n-Hexadecanoic ...	18.039	2.4	ng	404736	4	17.145	3355100	20.0
Tetradecane, 4-...	18.333	9.4	ng	1577530	4	17.145	3355100	20.0
Heptadecane, 2,...	18.962	9.2	ng	1548820	4	17.145	3355100	20.0
Tridecane, 1-iodo-	19.544	5.7	ng	893363	5	21.386	3160720	20.0
Octadecane	20.080	3.7	ng	582517	5	21.386	3160720	20.0
Heptadecane, 9-...	20.574	2.6	ng	405248	5	21.386	3160720	20.0