LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
Operator : RC/JU
Sample : Q1457-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-0-02272025

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-BM020525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049685.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	402	408	416	rBV	686214	987059	21.91%	0.948%
2	6.975	670	678	685	rVV	659159	1099239	24.40%	1.055%
3	7.439	751	757	764	rBV2	208018	340684	7.56%	0.327%
4	7.804	812	819	824	rBV	1173713	1833957	40.71%	1.761%
5	8.351	906	912	918	rVB2	138735	259582	5.76%	0.249%
6	8.445	924	928	932	rBV2	162620	266637	5.92%	0.256%
7	8.916	998	1008	1011	rBV2	221358	451102	10.01%	0.433%
8	8.957	1011	1015	1020	rVB	336545	501146	11.12%	0.481%
9	9.045	1025	1030	1035	rVB	637834	934437	20.74%	0.897%
10	9.169	1039	1051	1057	rVB6	182900	492738	10.94%	0.473%
11	9.528	1109	1112	1118	rVB	200024	303188	6.73%	0.291%
12	9.698	1132	1141	1144	rBV	128088	250462	5.56%	0.240%
13	9.792	1153	1157	1164	rBV4	162920	400826	8.90%	0.385%
14	9.857	1164	1168	1171	rVV2	141236	265380	5.89%	0.255%
15	9.892	1171	1174	1178	rVB2	229412	320891	7.12%	0.308%
16	9.963	1178	1186	1189	rBV	297598	506483	11.24%	0.486%
17	10.004	1189	1193	1196	rVV2	312869	536300	11.90%	0.515%
18	10.039	1196	1199	1202	rVV2	259622	410672	9.12%	0.394%
19	10.075	1202	1205	1211	rVB2	215422	308254	6.84%	0.296%
20	10.145	1211	1217	1222	rBV2	193855	394960	8.77%	0.379%
21	10.192	1222	1225	1228	rVV3	157443	242912	5.39%	0.233%
22	10.233	1228	1232	1239	rVB	307161	520788	11.56%	0.500%
23	10.310	1239	1245	1249	rBV	169354	266782	5.92%	0.256%
24	10.592	1284	1293	1300	rBV2	2417790	4504860	100.00%	4.325%
25	10.722	1311	1315	1320	rVB	160670	282589	6.27%	0.271%
26	10.775	1320	1324	1329	rVB	363584	516138	11.46%	0.496%
27	10.827	1329	1333	1342	rBV5	130379	280204	6.22%	0.269%
28	11.022	1356	1366	1370	rBV5	154240	386647	8.58%	0.371%
29	11.069	1370	1374	1377	rBV	201749	266544	5.92%	0.256%
30	11.186	1388	1394	1397	rBV3	148367	251734	5.59%	0.242%
31	11.269	1403	1408	1410	rVV2	165720	254027	5.64%	0.244%
32	11.310	1412	1415	1423	rVV4	292405	646142	14.34%	0.620%
33	11.374	1423	1426	1433	rVB3	210240	364275	8.09%	0.350%
34	11.451	1433	1439	1445	rBV3	402256	673739	14.96%	0.647%
35	11.527	1445	1452	1458	rBV3	424456	968773	21.51%	0.930%
36	11.639	1465	1471	1480	rBV3	503582	1149961	25.53%	1.104%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
Operator : RC/JU
Sample : Q1457-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-0-02272025

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-BM020525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.710	1480	1483	1490	rVB	179667	309674	6.87%	0.297%
38	11.792	1491	1497	1506	rBV2	707724	1265055	28.08%	1.215%
39	12.039	1533	1539	1550	rVV	1797984	3090891	68.61%	2.968%
40	12.151	1554	1558	1565	rVV2	407747	841947	18.69%	0.808%
41	12.263	1569	1577	1585	rVB5	359822	907392	20.14%	0.871%
42	12.480	1609	1614	1616	rVV4	164805	270495	6.00%	0.260%
43	12.521	1616	1621	1626	rVV2	754976	1281555	28.45%	1.230%
44	12.569	1626	1629	1632	rVV3	210887	298888	6.63%	0.287%
45	12.669	1638	1646	1650	rBV6	271662	587009	13.03%	0.564%
46	12.716	1650	1654	1660	rVV4	222400	438866	9.74%	0.421%
47	12.780	1661	1665	1671	rBV5	340844	656005	14.56%	0.630%
48	12.851	1675	1677	1683	rVB	279522	359071	7.97%	0.345%
49	12.939	1687	1692	1697	rBV5	419824	757805	16.82%	0.728%
50	12.998	1697	1702	1706	rVB2	762335	1036374	23.01%	0.995%
51	13.063	1708	1713	1718	rBV	1025098	1419186	31.50%	1.363%
52	13.280	1744	1750	1758	rBV	2494778	3565882	79.16%	3.424%
53	13.392	1763	1769	1774	rVV2	517983	1112528	24.70%	1.068%
54	13.439	1774	1777	1782	rVB3	315189	452161	10.04%	0.434%
55	13.604	1800	1805	1813	rBV4	307990	729289	16.19%	0.700%
56	13.727	1821	1826	1828	rBV6	271065	451420	10.02%	0.433%
57	13.816	1836	1841	1845	rVB5	395323	612668	13.60%	0.588%
58	13.910	1853	1857	1859	rBV3	426610	564421	12.53%	0.542%
59	13.939	1859	1862	1866	rVV3	621367	988455	21.94%	0.949%
60	13.980	1866	1869	1874	rVB3	403632	530982	11.79%	0.510%
61	14.057	1880	1882	1886	rVB	268817	308952	6.86%	0.297%
62	14.357	1927	1933	1938	rBV	3013984	3816907	84.73%	3.665%
63	14.439	1940	1947	1958	rVV	2156752	3754887	83.35%	3.605%
64	14.815	2004	2011	2014	rBV5	327610	751794	16.69%	0.722%
65	14.857	2015	2018	2024	rVB4	344064	492182	10.93%	0.473%
66	14.915	2024	2028	2031	rBV2	298088	368968	8.19%	0.354%
67	14.974	2034	2038	2046	rVB5	645747	1132289	25.13%	1.087%
68	15.045	2046	2050	2053	rBV	289749	450148	9.99%	0.432%
69	15.304	2090	2094	2099	rVB	3040609	3802708	84.41%	3.651%
70	15.404	2108	2111	2120	rVB4	242885	425298	9.44%	0.408%
71	15.545	2129	2135	2139	rBV5	185810	392148	8.70%	0.377%
72	15.715	2157	2164	2168	rVV	945284	1742007	38.67%	1.673%
73	15.804	2175	2179	2185	rVB2	516314	803891	17.84%	0.772%
74	15.862	2185	2189	2195	rBV2	382911	703508	15.62%	0.675%
75	15.927	2195	2200	2205	rVV2	1150256	1553245	34.48%	1.491%
76	16.168	2236	2241	2244	rBV	3386885	4434627	98.44%	4.258%

LSC Area Percent Report

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Acq On : 28 Feb 2025 19:13
Operator : RC/JU
Sample : Q1457-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-0-02272025

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-BM020525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.509	2295	2299	2302	rBV	265100	393577	8.74%	0.378%
78	16.627	2316	2319	2324	rBV3	245620	288831	6.41%	0.277%
79	16.674	2324	2327	2332	rVV	212626	265261	5.89%	0.255%
80	16.739	2335	2338	2341	rVV	292519	373123	8.28%	0.358%
81	16.956	2371	2375	2379	rBV	3072786	3543502	78.66%	3.402%
82	17.009	2380	2384	2394	rVB	1017494	1782288	39.56%	1.711%
83	17.186	2408	2414	2419	rBV	2444862	3491742	77.51%	3.353%
84	17.427	2452	2455	2461	rVB2	257353	329035	7.30%	0.316%
85	17.498	2463	2467	2473	rVB2	281060	412465	9.16%	0.396%
86	17.615	2484	2487	2495	rVB3	246803	367508	8.16%	0.353%
87	17.698	2496	2501	2506	rBV	2640905	3187703	70.76%	3.061%
88	17.980	2546	2549	2553	rBV3	171373	245777	5.46%	0.236%
89	18.092	2564	2568	2573	rBV3	231964	383205	8.51%	0.368%
90	18.386	2614	2618	2623	rBV	2363459	2819167	62.58%	2.707%
91	18.850	2694	2697	2702	rBV2	268643	339859	7.54%	0.326%
92	19.021	2721	2726	2732	rVB	1926713	2417797	53.67%	2.321%
93	19.245	2760	2764	2769	rBV2	231244	383364	8.51%	0.368%
94	19.597	2821	2824	2829	rVB	1417676	1540169	34.19%	1.479%
95	19.803	2855	2859	2864	rVB	1975614	2432023	53.99%	2.335%
96	20.133	2911	2915	2919	rVB	901427	969843	21.53%	0.931%
97	20.627	2996	2999	3004	rBV	516615	537584	11.93%	0.516%
98	21.115	3079	3082	3086	rVB	289419	330967	7.35%	0.318%
99	21.421	3129	3134	3139	rBV	2742795	3822314	84.85%	3.670%
100	24.438	3640	3647	3655	rVB	1569531	3594370	79.79%	3.451%

Sum of corrected areas: 104153164

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049685.D
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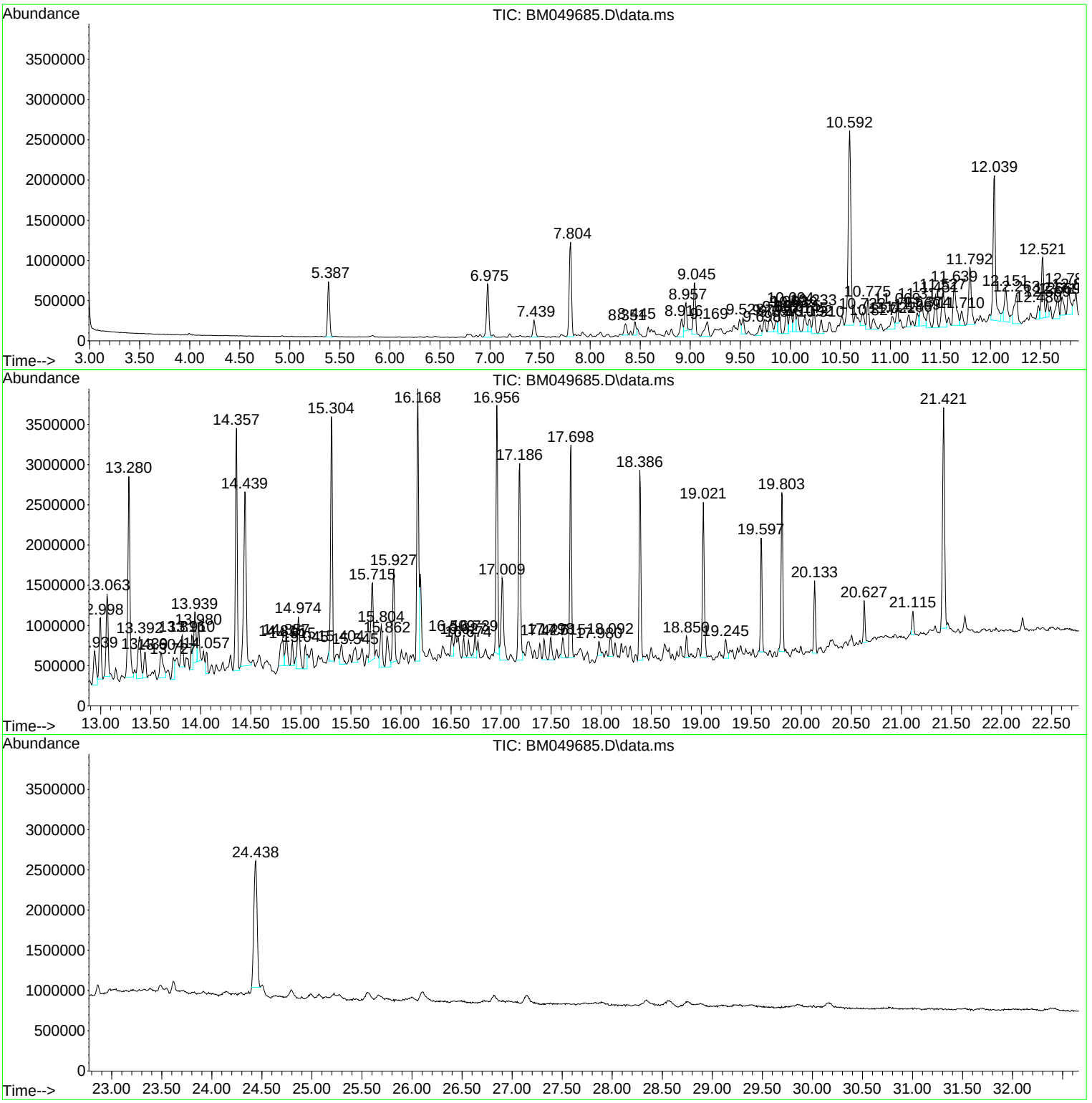
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-0-02272025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.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\BM022825\
Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
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Instrument :
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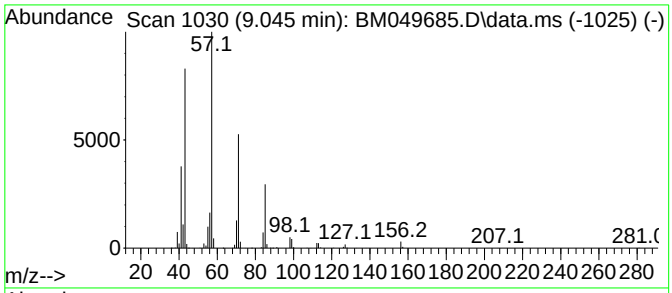
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

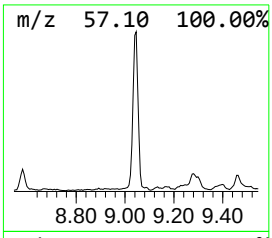
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

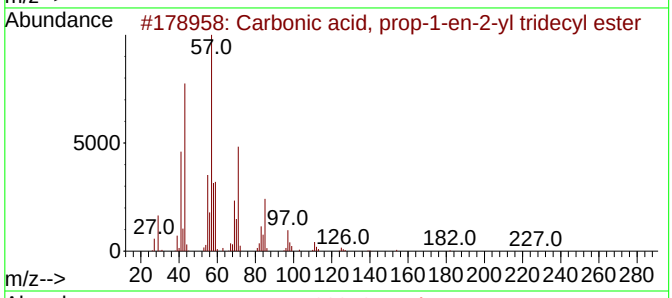
****
Peak Number 1 Carbonic acid, prop-1-en-2-... Concentration Rank 11

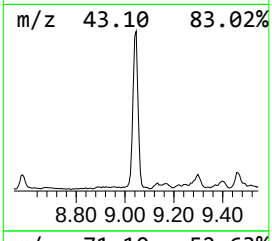
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.045	10.19 ng	934437	1,4-Dichlorobenzene-d4	7.804

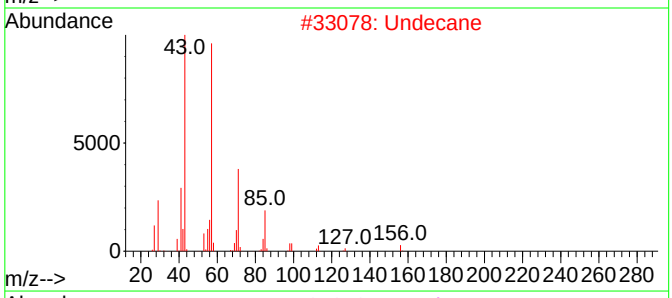
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
2	Undecane	156	C11H24	001120-21-4	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tridecane	184	C13H28	000629-50-5	78
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64

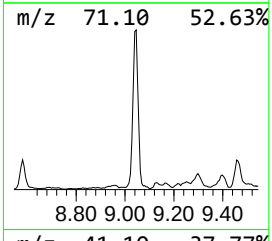


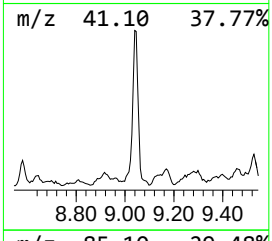


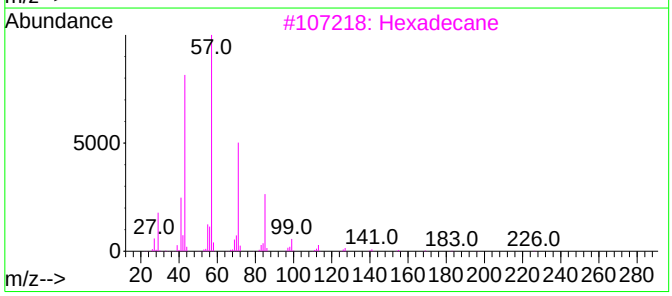


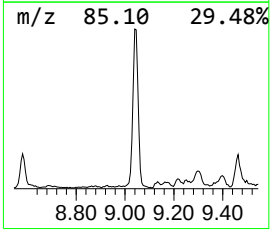












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

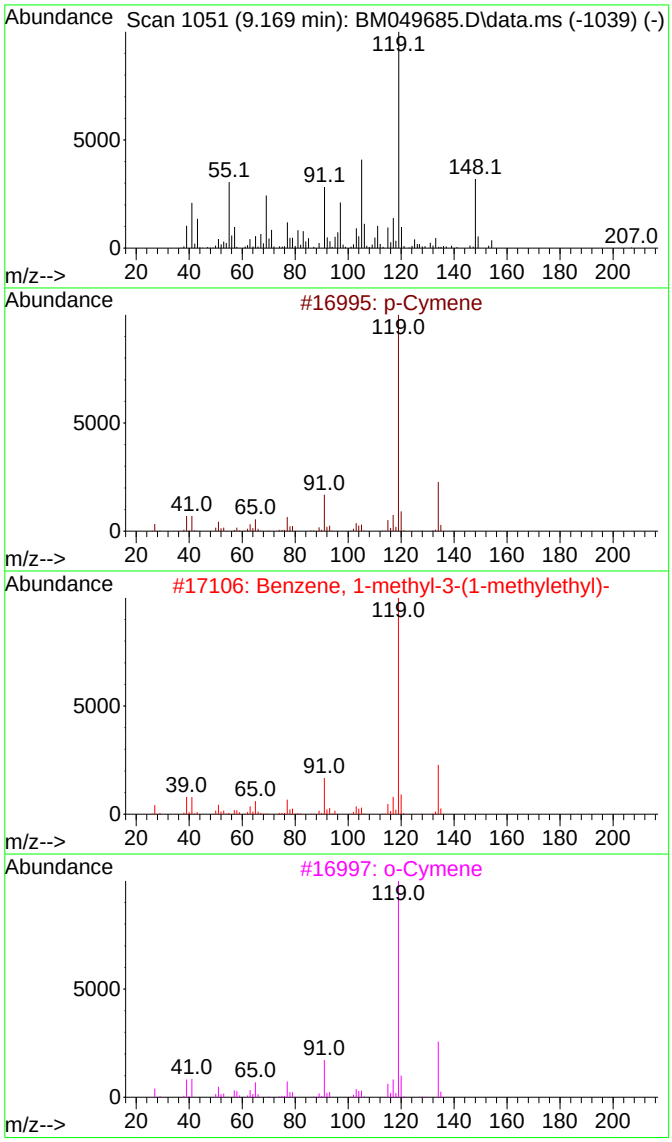
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

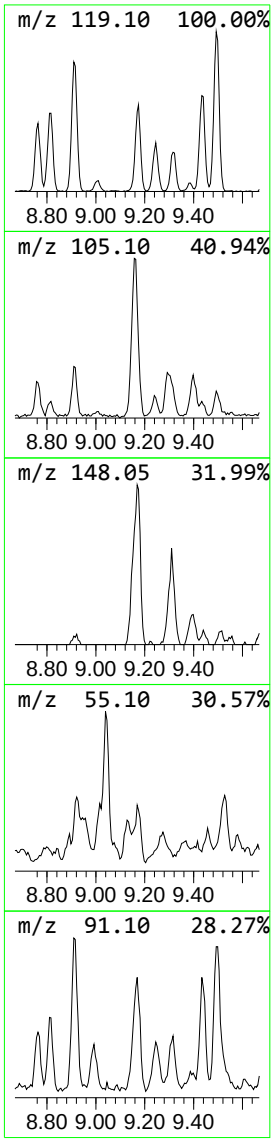
****

Peak Number 2 p-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	5.37 ng	492738	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	60
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
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Sample : Q1457-01 5X
Misc :
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Instrument :
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ClientSampleId :
HR-0-02272025

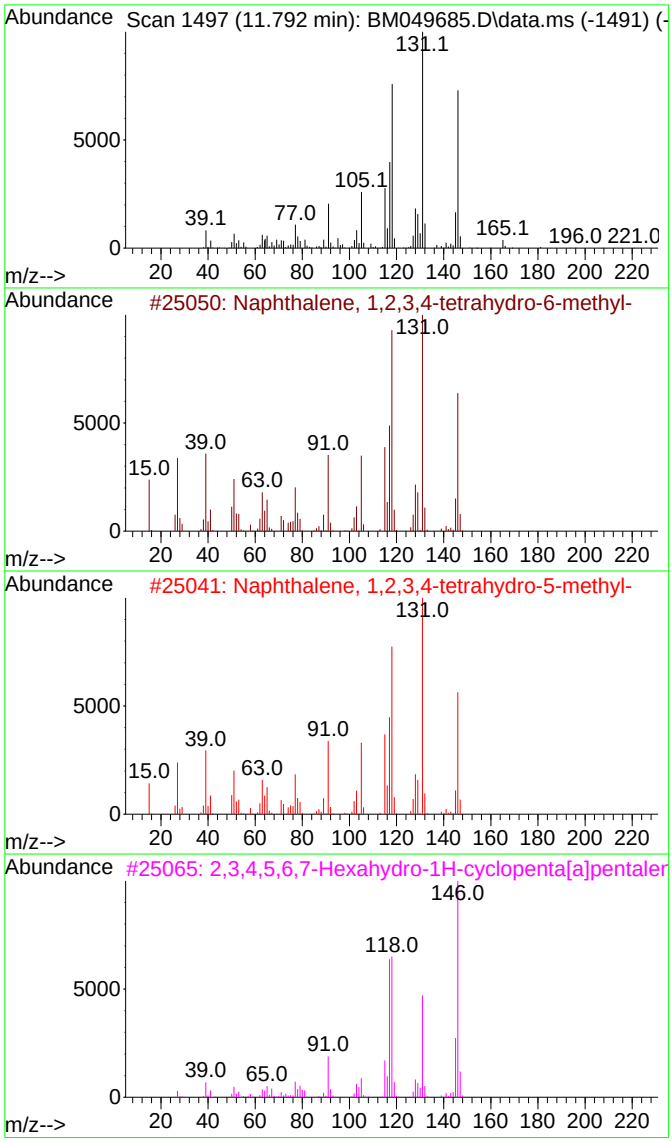
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

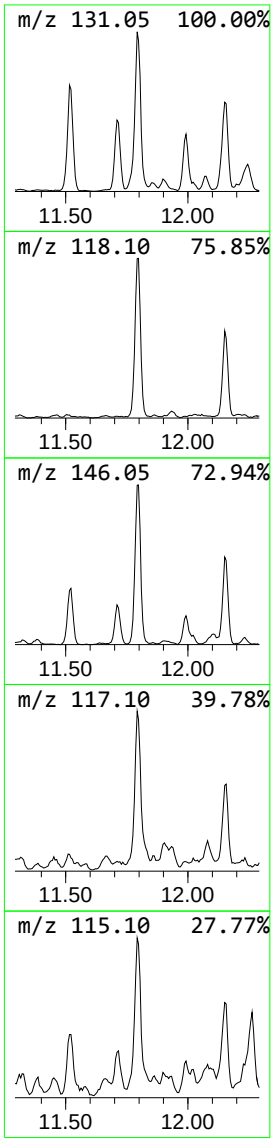
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	5.62 ng	1265060	Naphthalene-d8	10.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	72
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
Operator : RC/JU
Sample : Q1457-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-0-02272025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

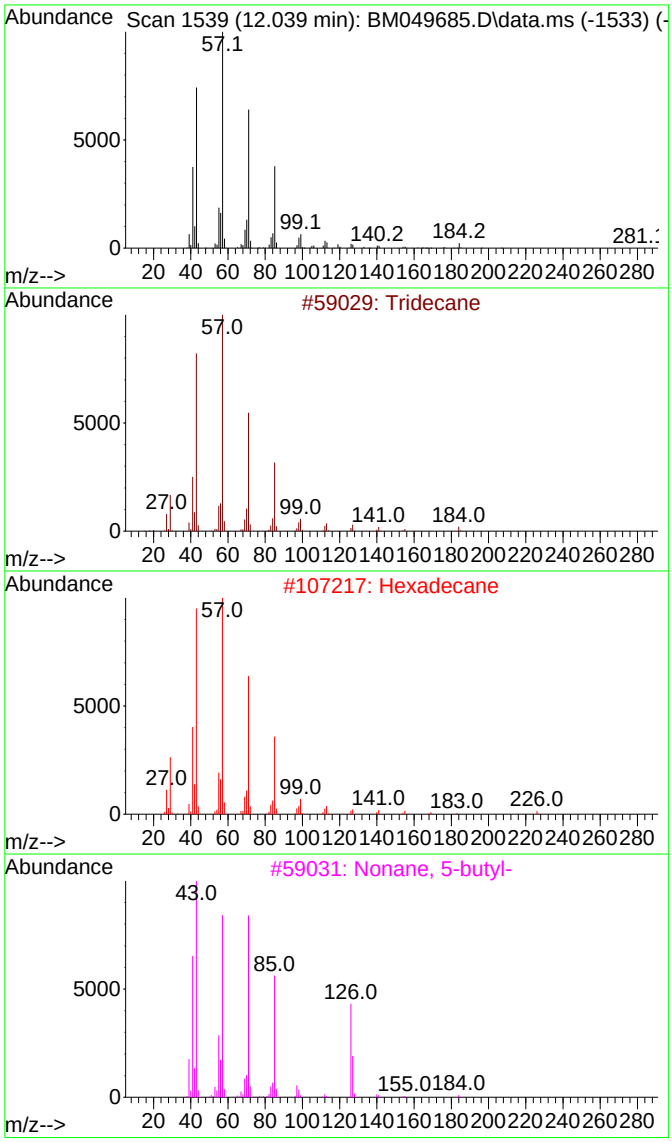
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

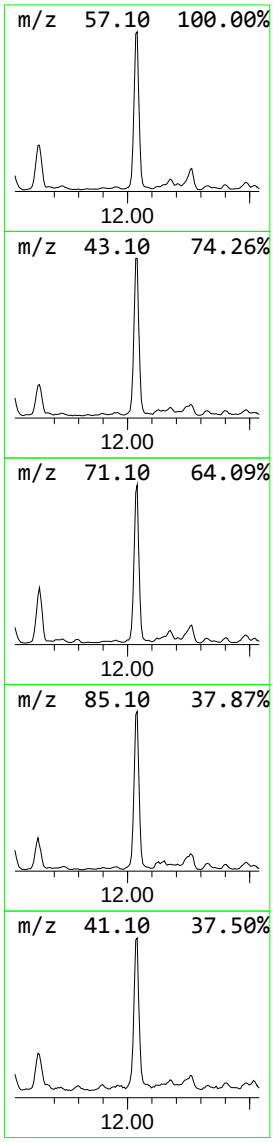
****

Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	13.72 ng	3090890	Naphthalene-d8	10.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





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Sample : Q1457-01 5X
Misc :
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ClientSampleId :
HR-0-02272025

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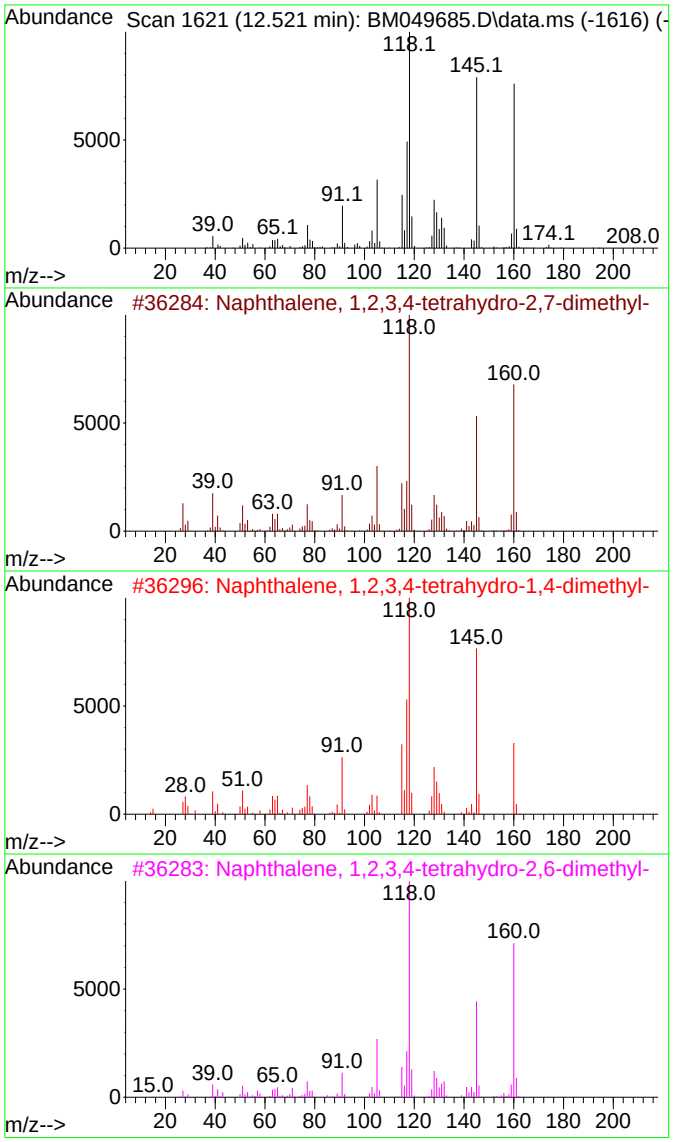
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

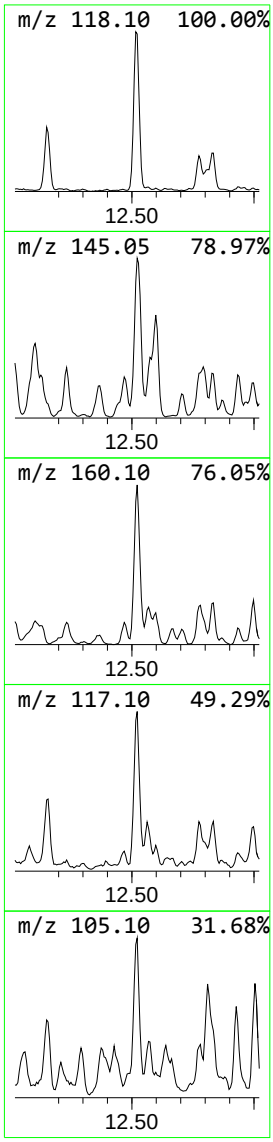
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	6.83 ng	1281560	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	74
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60





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ALS Vial : 12 Sample Multiplier: 1

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

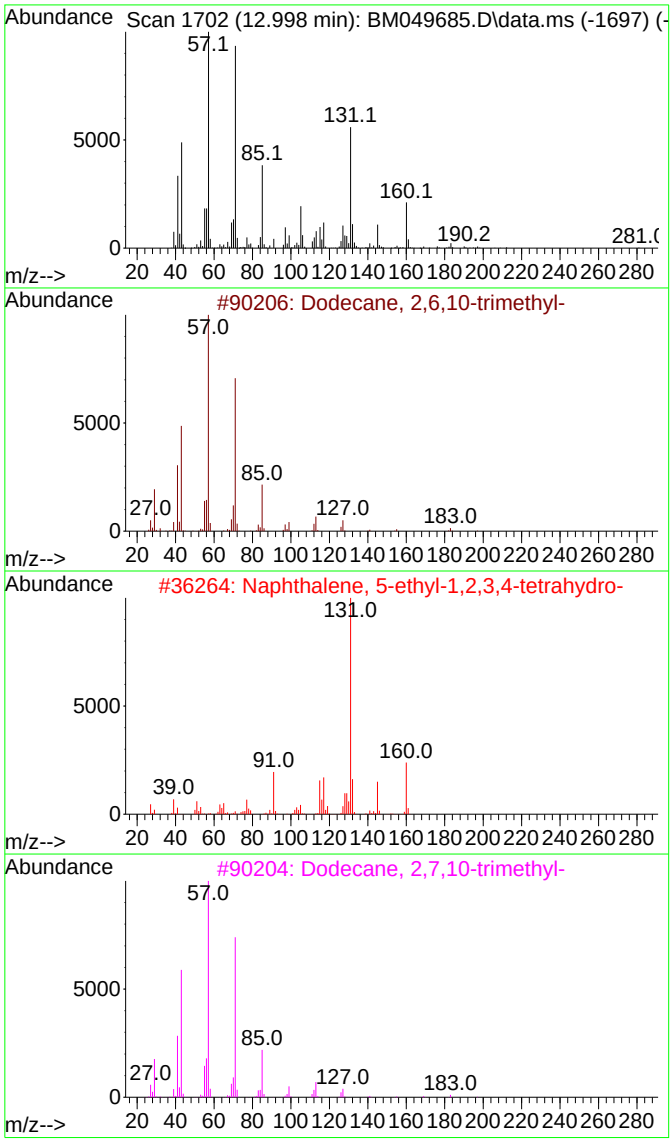
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

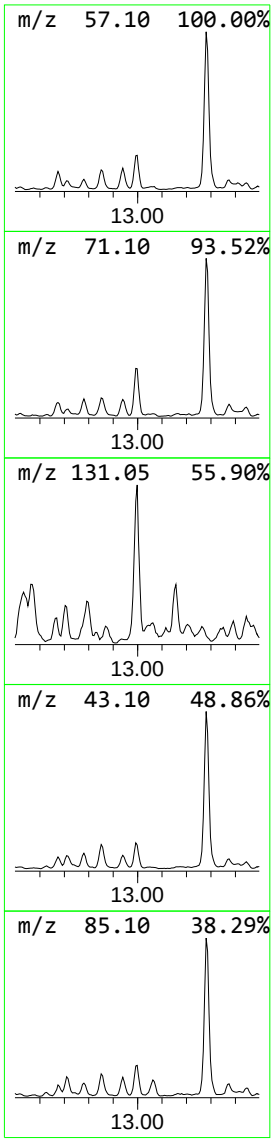
****

Peak Number 6 unknown12.998 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.998	5.52 ng	1036370	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
2	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	30
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	30
4	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	27
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	22





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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

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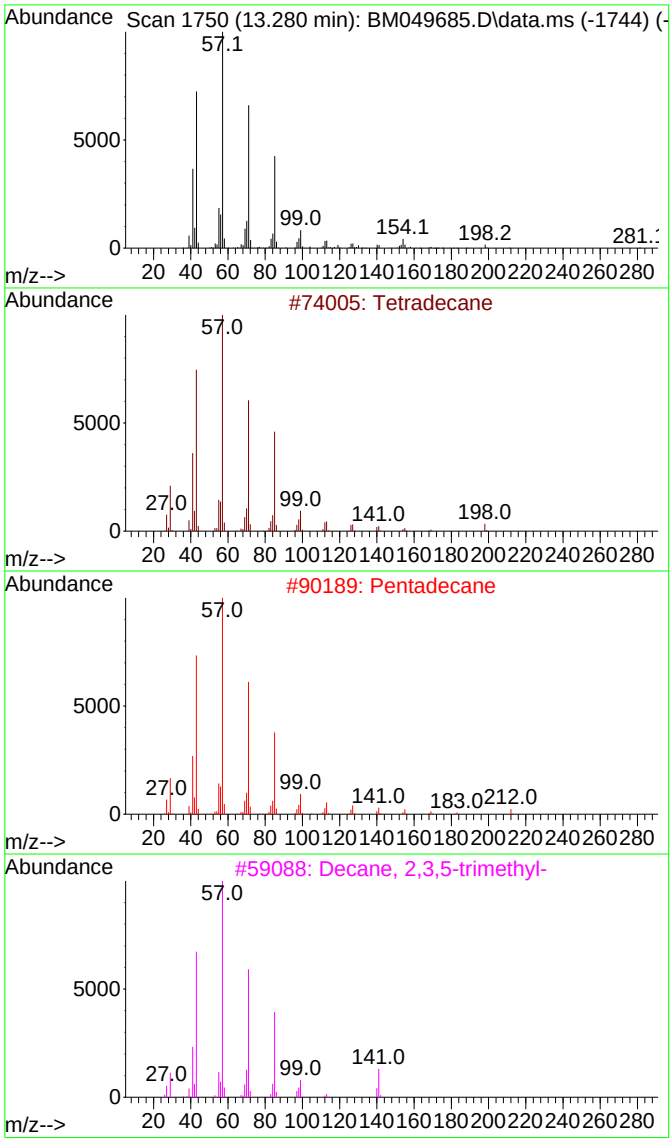
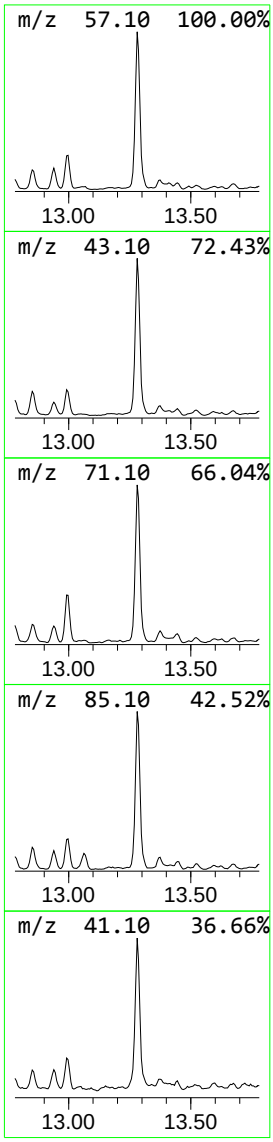
Peak Number 7 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	18.99 ng	3565880	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5	Hexadecane	226	C16H34	000544-76-3	72





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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

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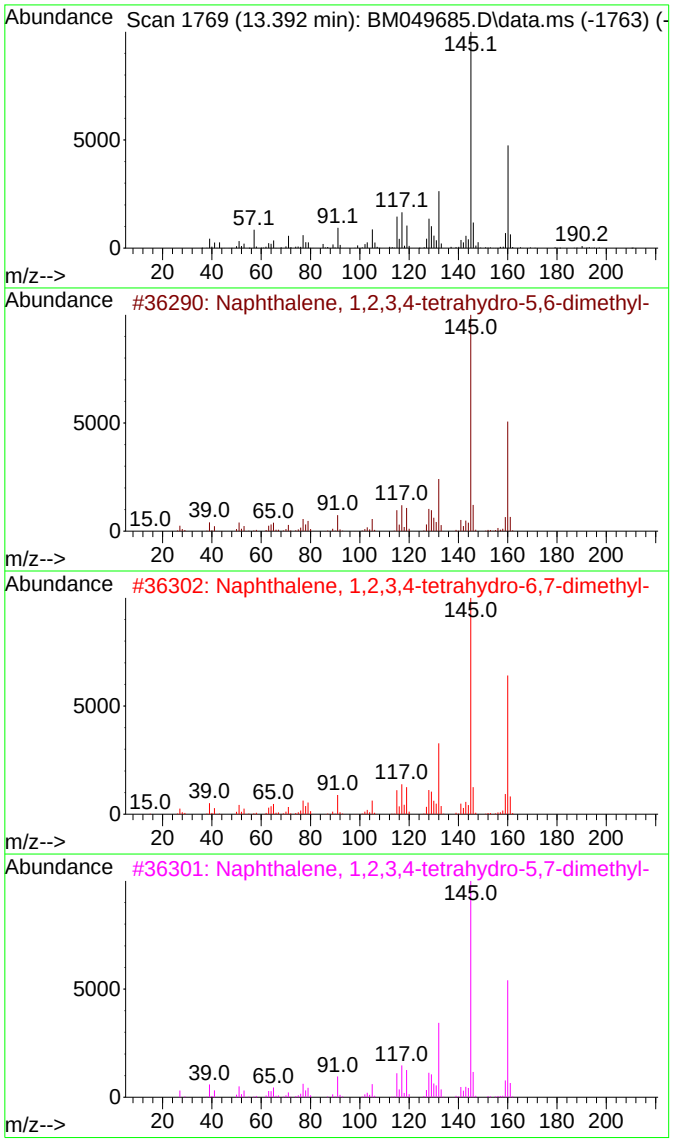
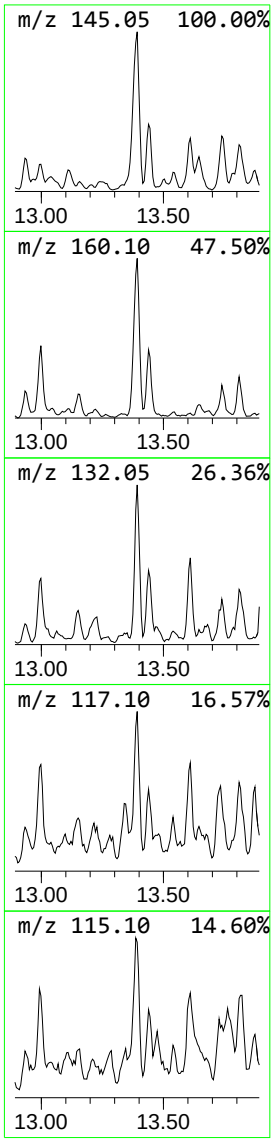
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	5.93 ng	1112530	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	96
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	96
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90





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ALS Vial : 12 Sample Multiplier: 1

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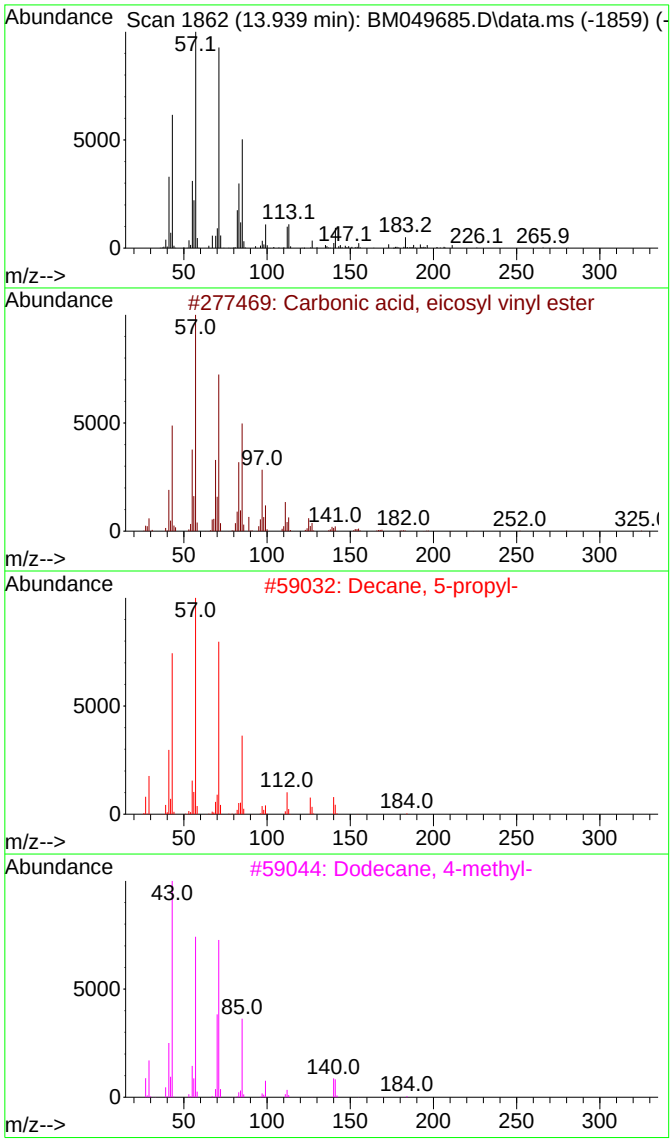
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

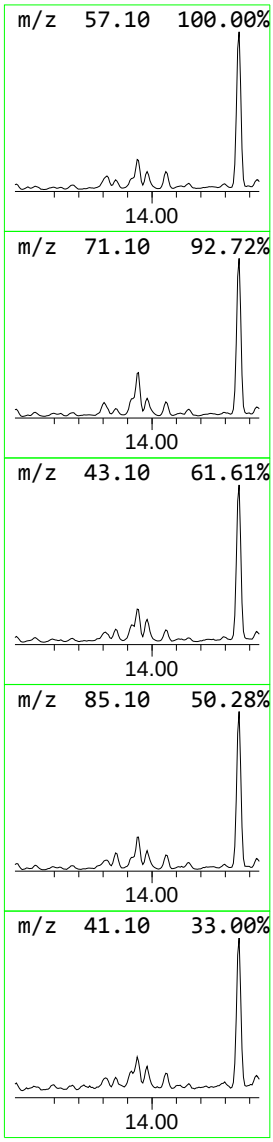
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Carbonic acid, eicosyl viny... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	5.26 ng	988455	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Decane, 5-propyl-	184	C13H28	017312-62-8	72
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53





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Misc :
ALS Vial : 12 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

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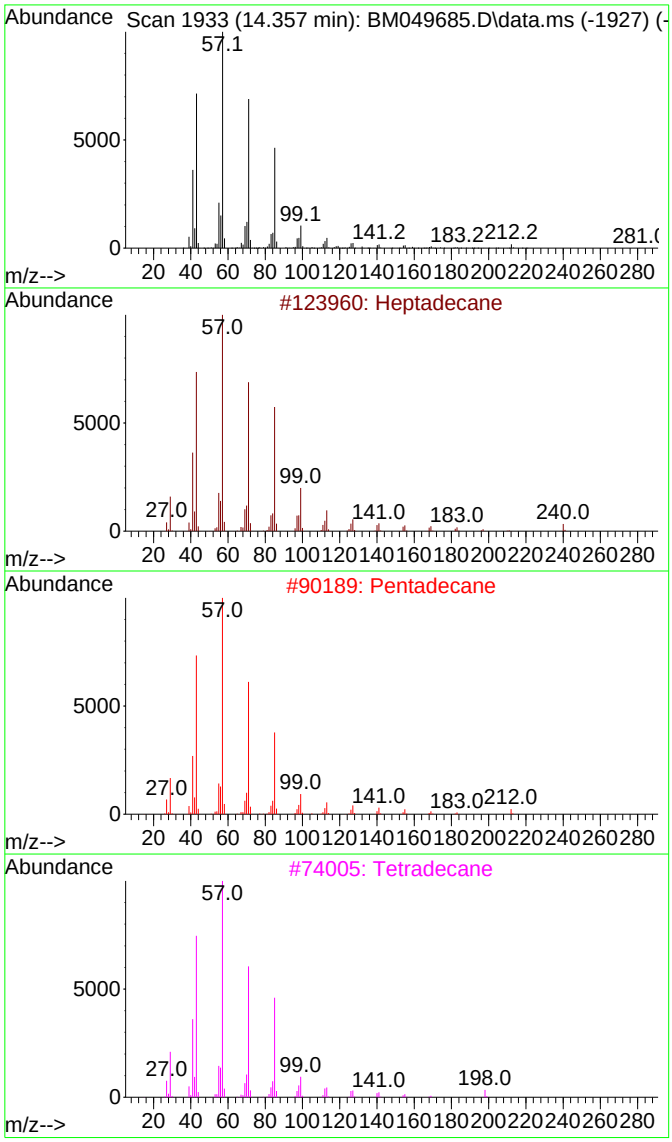
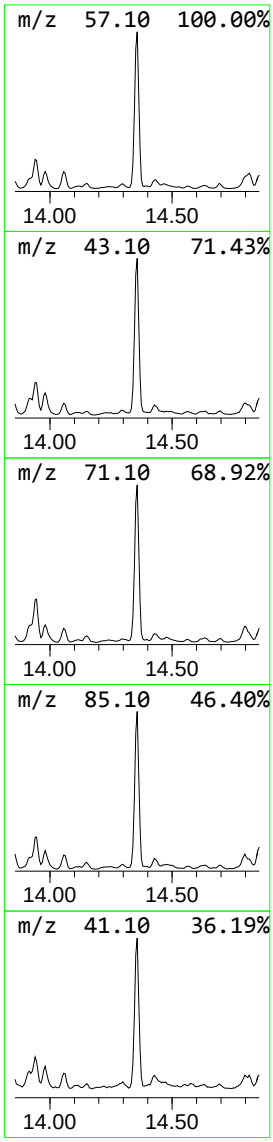
Peak Number 10 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	20.33 ng	3816910	Acenaphthene-d10	14.445

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	Tetradecane	198	C14H30	000629-59-4	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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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

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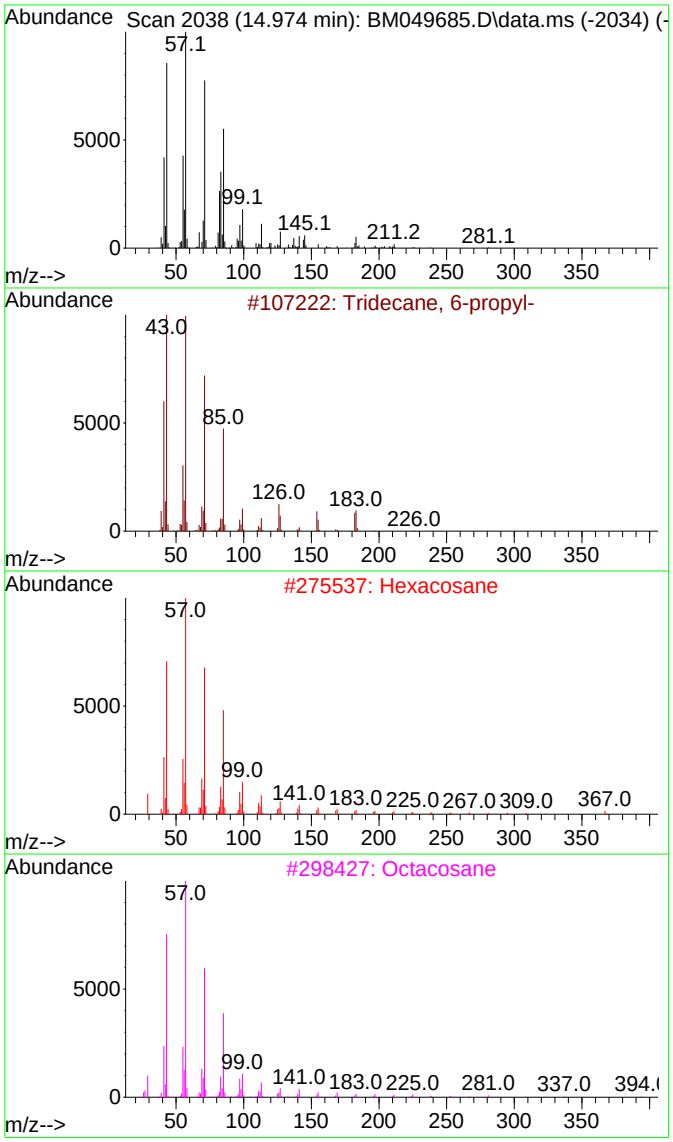
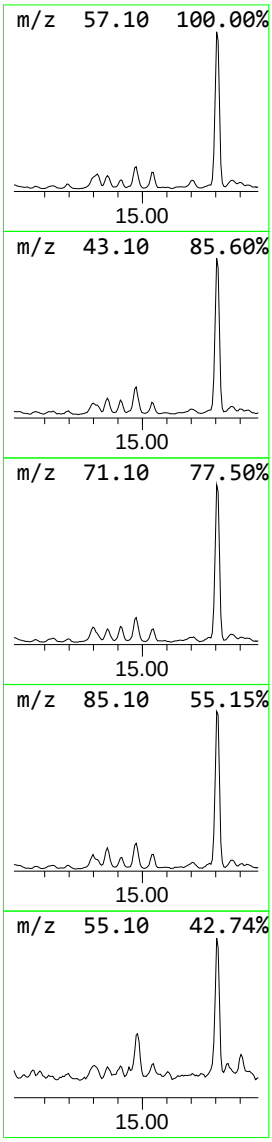
Peak Number 11 Tridecane, 6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.974	6.03 ng	1132290	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
2	Hexacosane	366	C26H54	000630-01-3	72
3	Octacosane	394	C28H58	000630-02-4	72
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	68
5	Tetracosane	338	C24H50	000646-31-1	64





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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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

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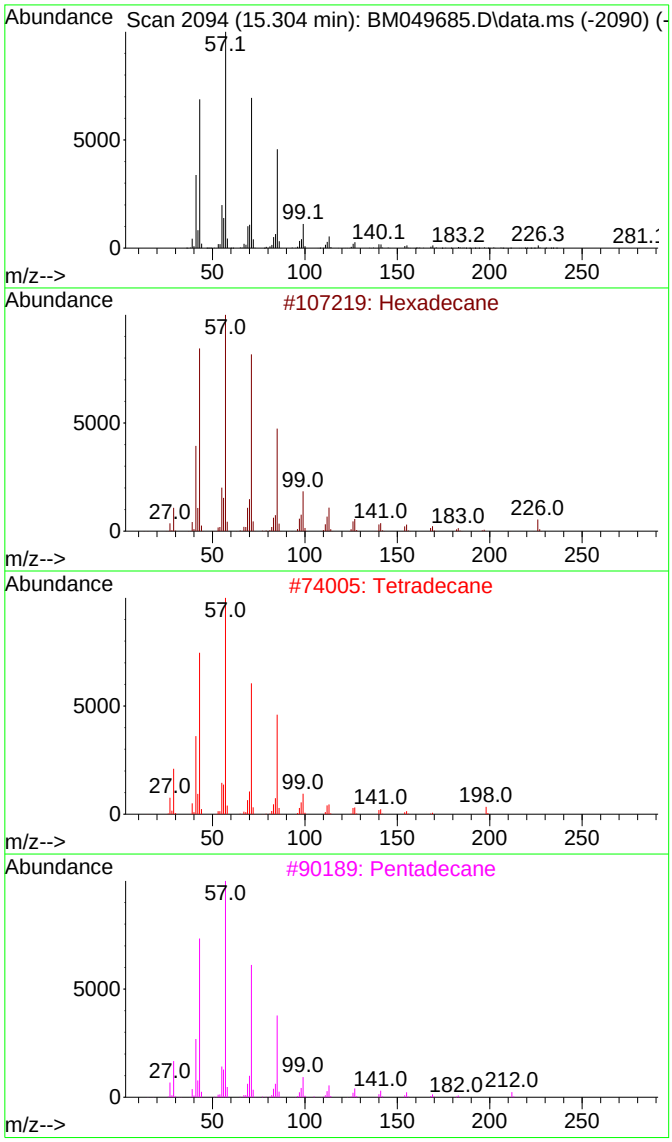
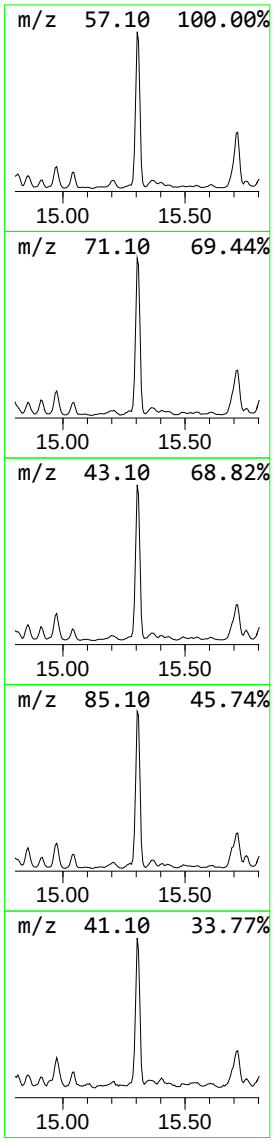
Peak Number 12 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	20.25 ng	3802710	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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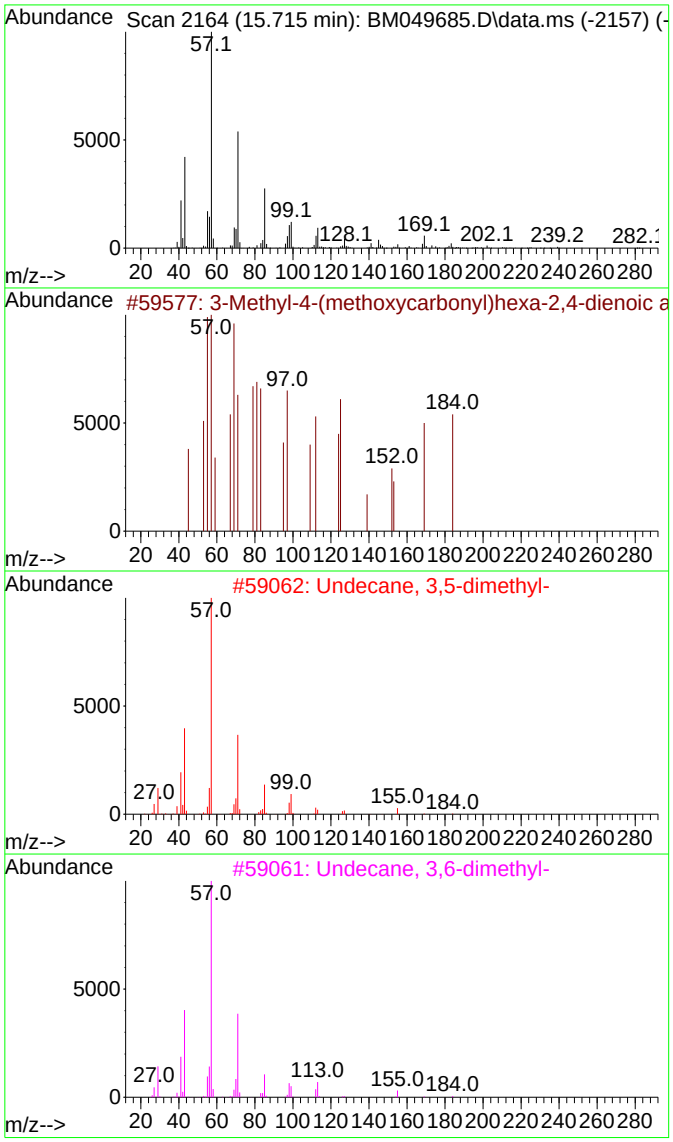
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

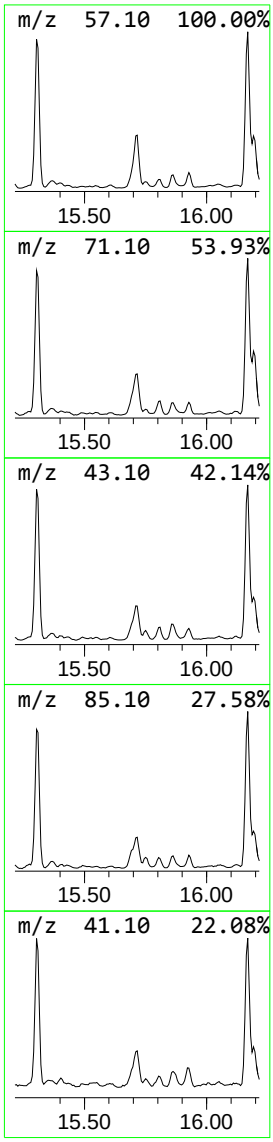
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3-Methyl-4-(methoxycarbonyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.715	9.28 ng	1742010	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	86
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	76
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
4	Hexadecane	226	C16H34	000544-76-3	72
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68





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TIC Library : C:\Database\NIST20.L
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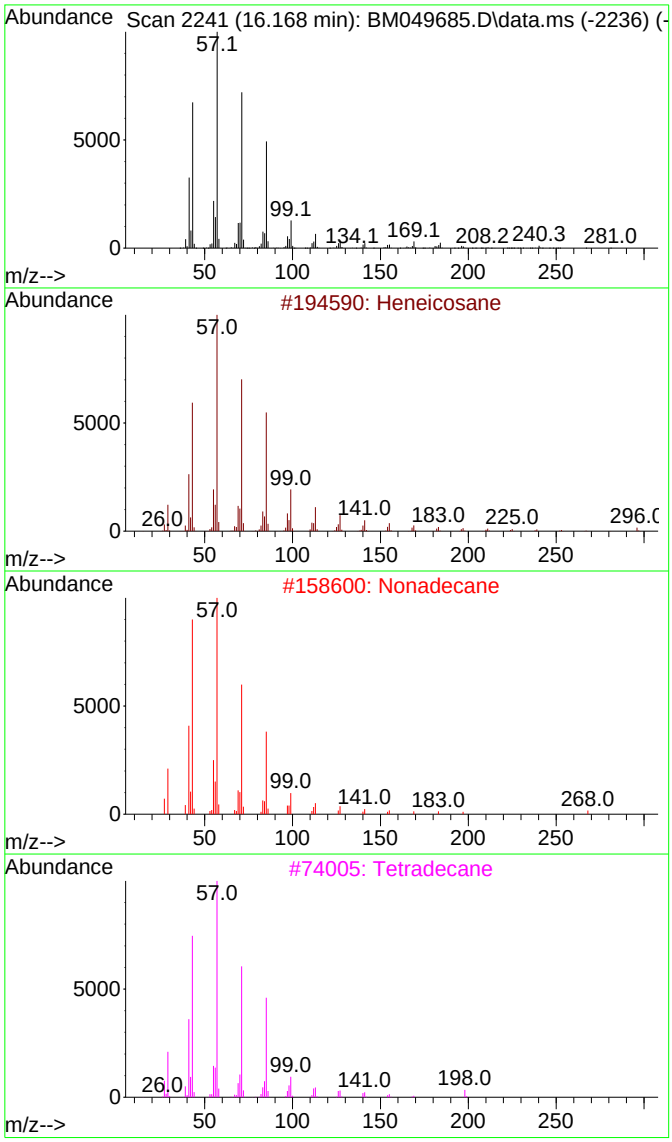
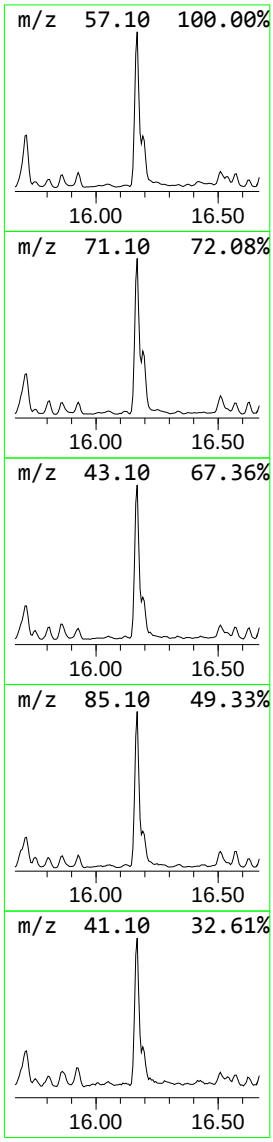
Peak Number 14 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.168	25.40 ng	4434630	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Pentadecane	212	C15H32	000629-62-9	90





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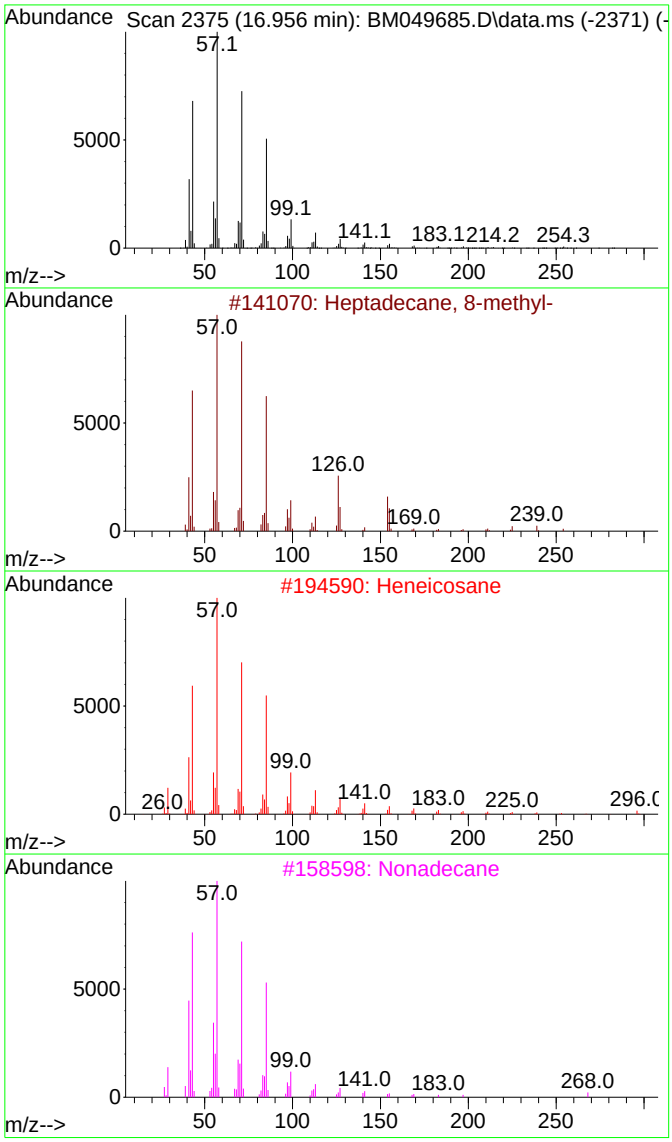
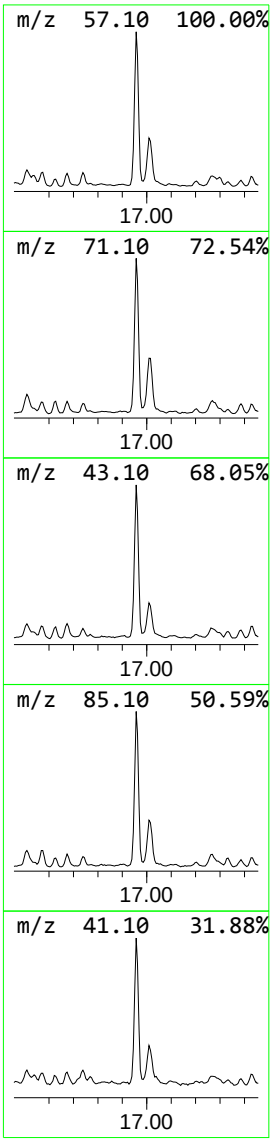
Peak Number 15 Heptadecane, 8-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.956	20.30 ng	3543500	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
Operator : RC/JU
Sample : Q1457-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-0-02272025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.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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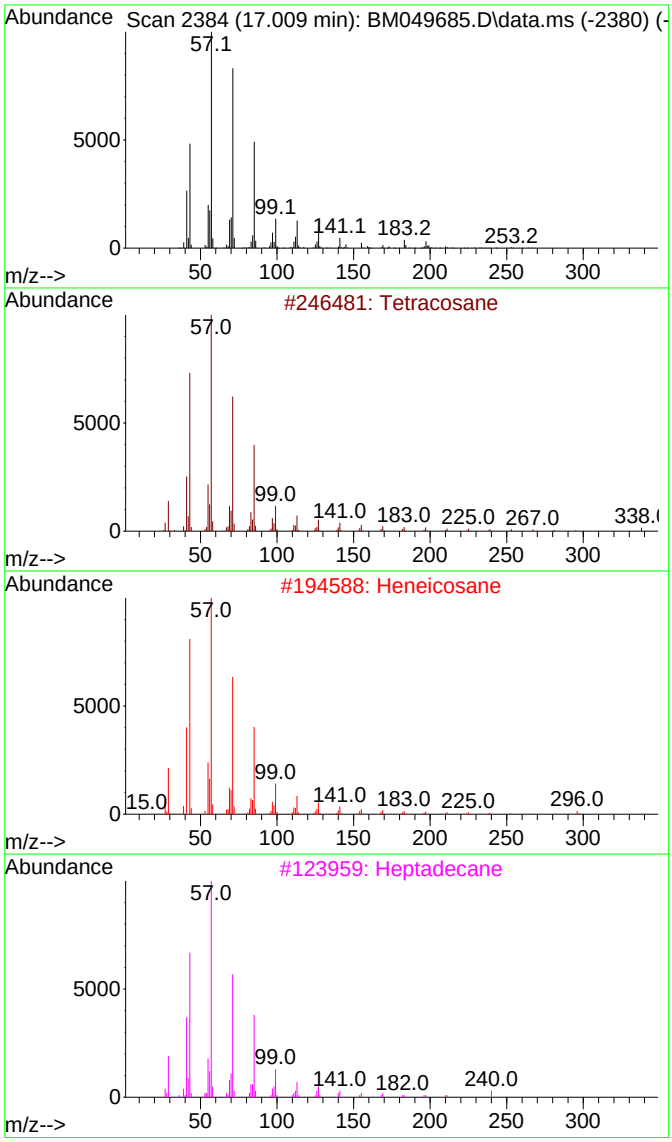
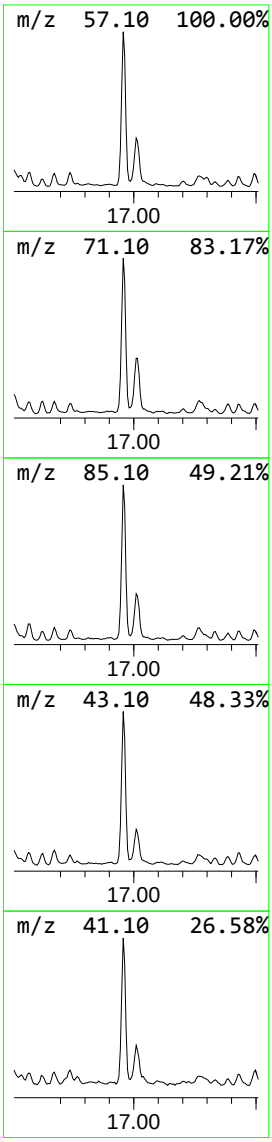
Peak Number 16 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.009	10.21 ng	1782290	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86





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Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
Operator : RC/JU
Sample : Q1457-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-0-02272025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
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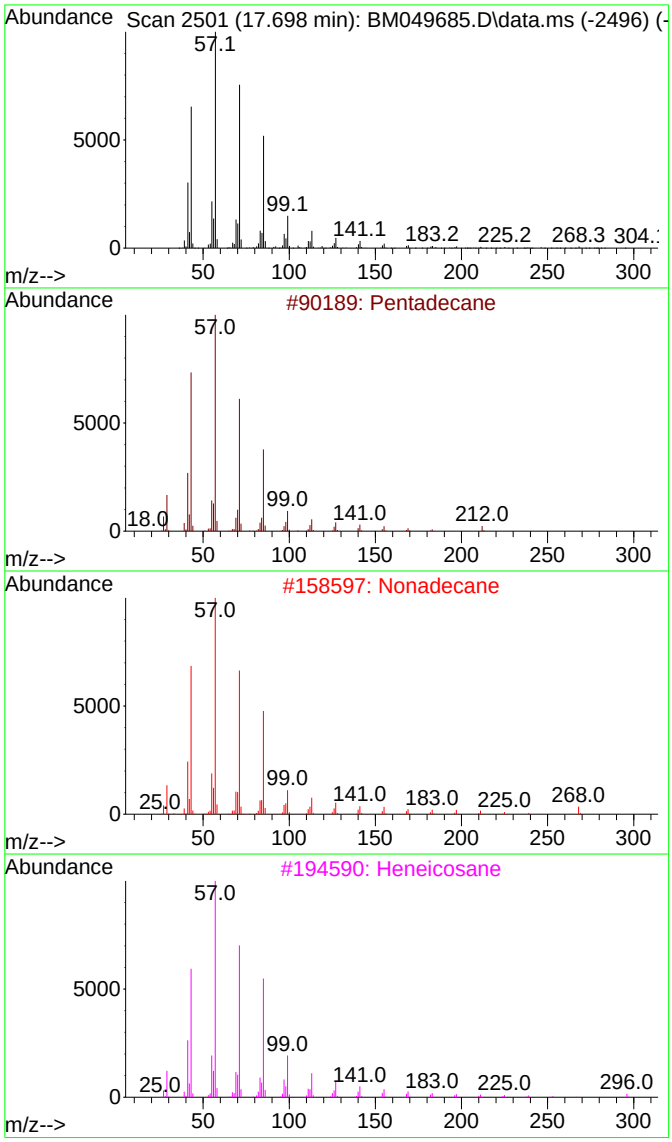
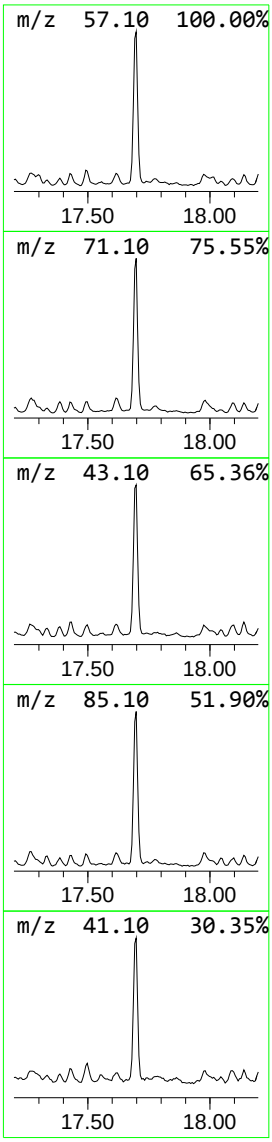
Peak Number 17 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	18.26 ng	3187700	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Tetradecane	198	C14H30	000629-59-4	87





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Acq On : 28 Feb 2025 19:13
Operator : RC/JU
Sample : Q1457-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-0-02272025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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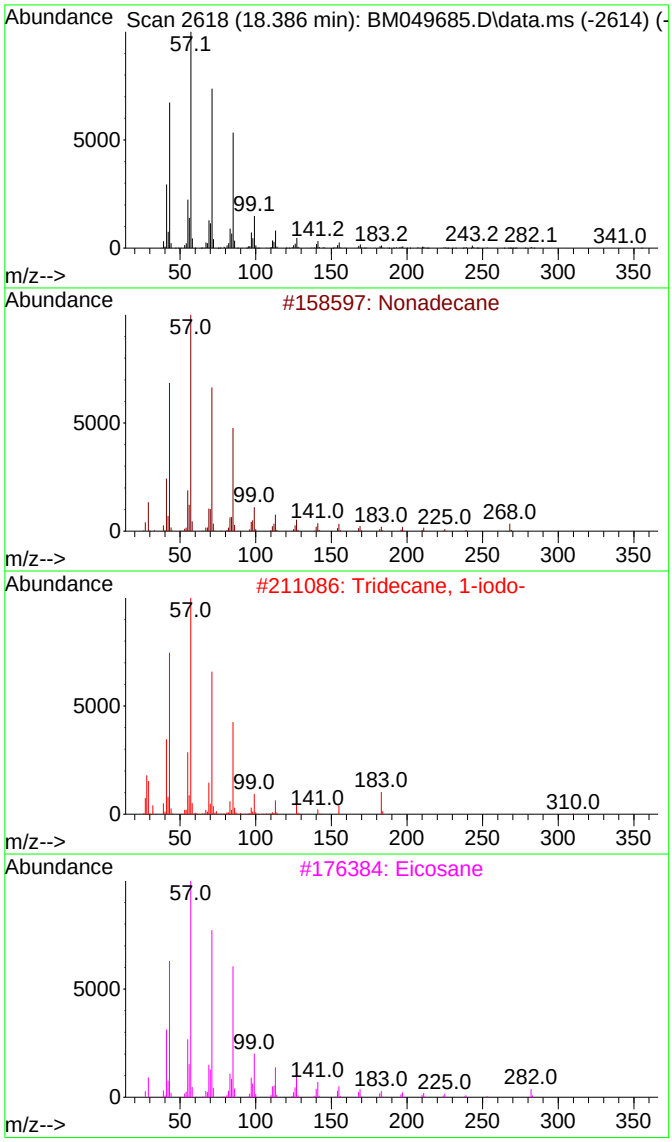
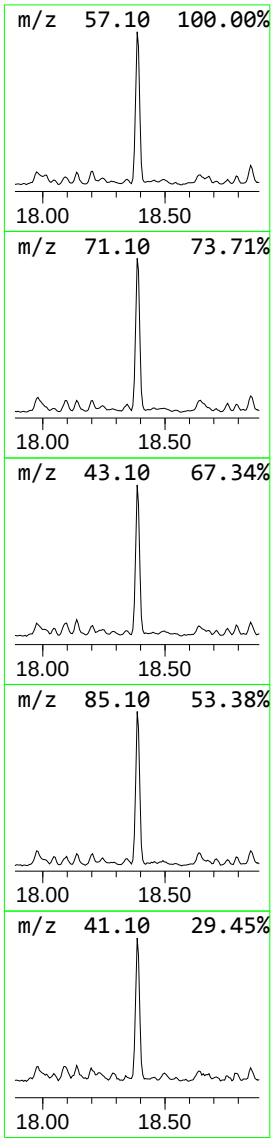
Peak Number 18 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	16.15 ng	2819170	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Heptacosane	380	C27H56	000593-49-7	83





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Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
Operator : RC/JU
Sample : Q1457-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-0-02272025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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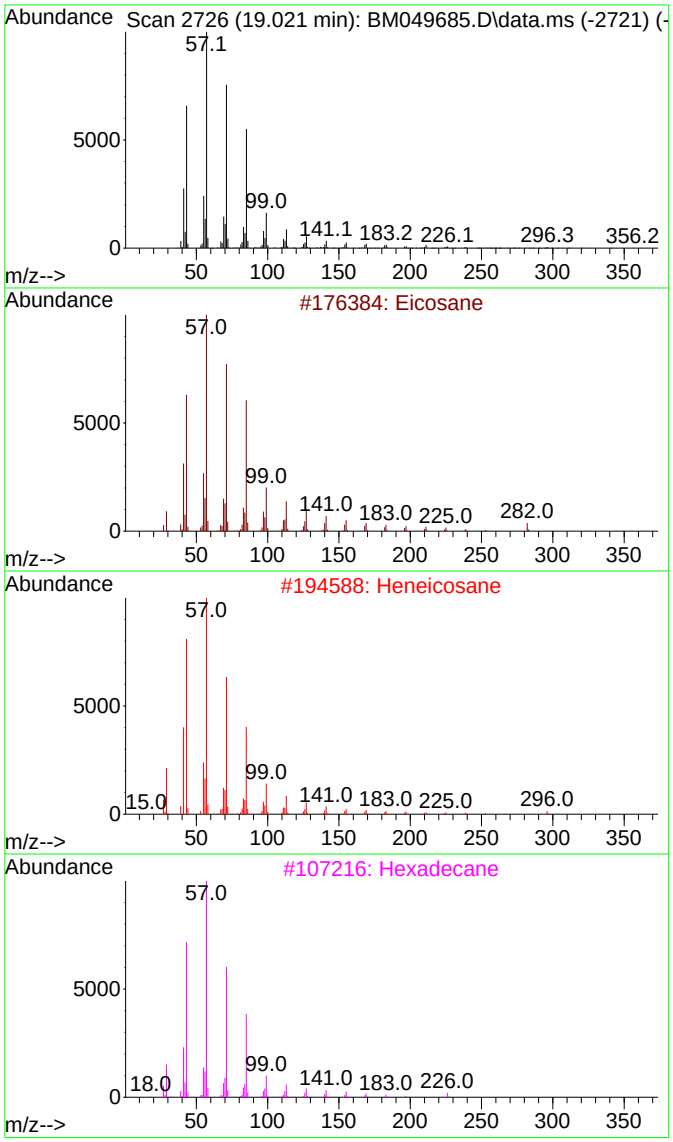
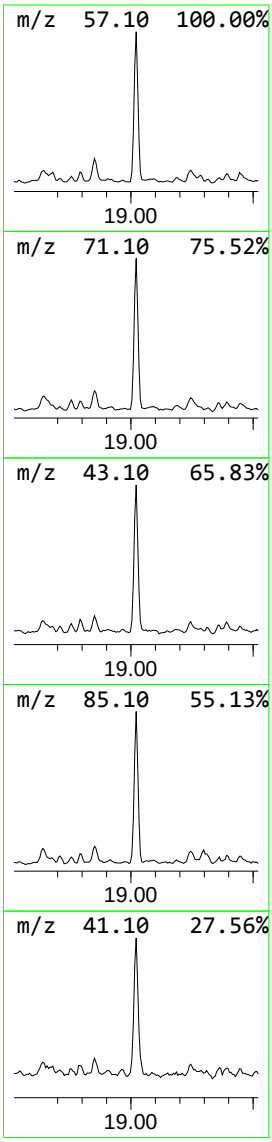
Peak Number 19 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	13.85 ng	2417800	Phenanthrene-d10	17.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptacosane	380	C27H56	000593-49-7	87





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Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
Operator : RC/JU
Sample : Q1457-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-0-02272025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.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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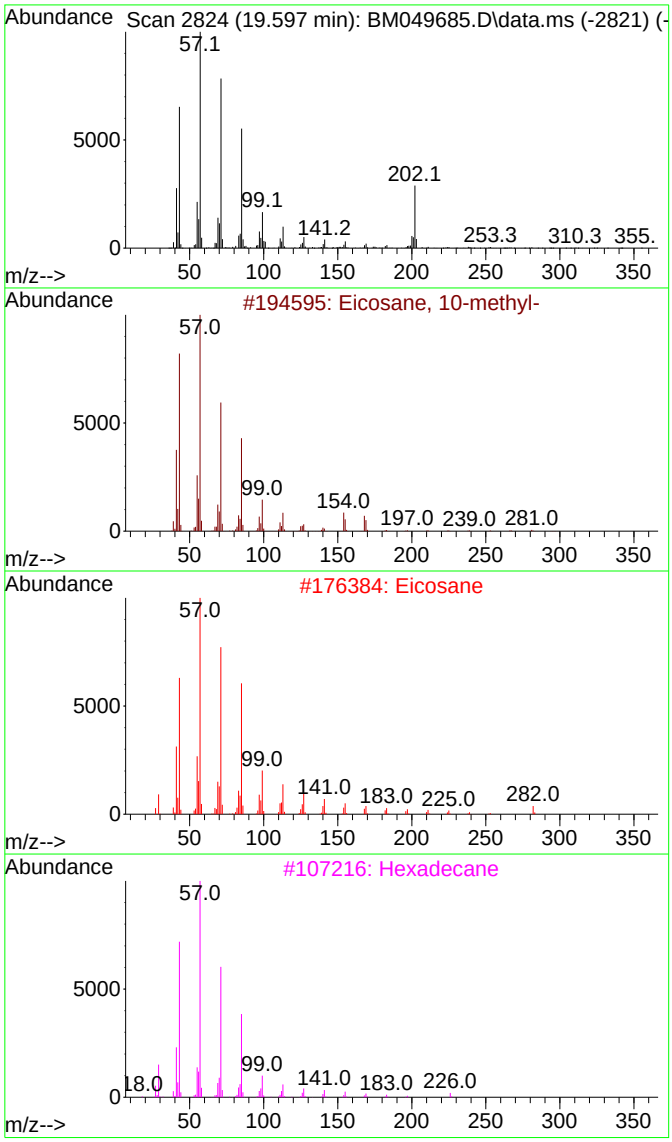
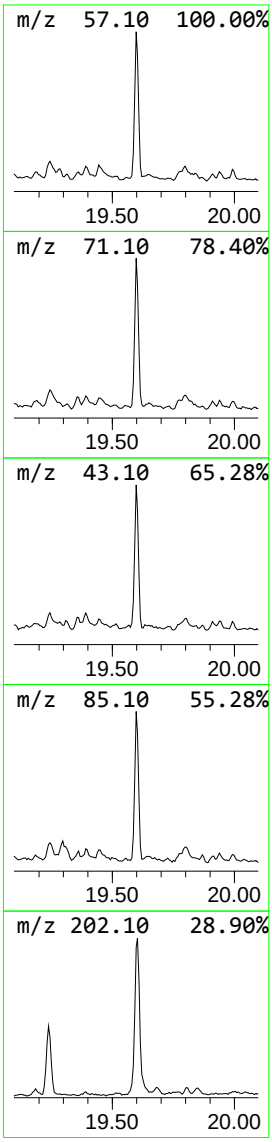
Peak Number 20 Eicosane, 10-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.598	8.06 ng	1540170	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Eicosane	282	C20H42	000112-95-8	81
3	Hexadecane	226	C16H34	000544-76-3	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Hexacosane	366	C26H54	000630-01-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049685.D
Acq On : 28 Feb 2025 19:13
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Misc :
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BNA_M
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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Carbonic acid, ...	9.045	10.2	ng	934437	1	7.804	1833960	20.0
p-Cymene	9.169	5.4	ng	492738	1	7.804	1833960	20.0
Naphthalene, 1,...	11.792	5.6	ng	1265060	2	10.598	4504860	20.0
Tridecane	12.039	13.7	ng	3090890	2	10.598	4504860	20.0
Naphthalene, 1,...	12.522	6.8	ng	1281560	3	14.445	3754890	20.0
unknown12.998	12.998	5.5	ng	1036370	3	14.445	3754890	20.0
Tetradecane	13.280	19.0	ng	3565880	3	14.445	3754890	20.0
Naphthalene, 1,...	13.392	5.9	ng	1112530	3	14.445	3754890	20.0
Carbonic acid, ...	13.939	5.3	ng	988455	3	14.445	3754890	20.0
Heptadecane	14.357	20.3	ng	3816910	3	14.445	3754890	20.0
Tridecane, 6-pr...	14.974	6.0	ng	1132290	3	14.445	3754890	20.0
Hexadecane	15.304	20.3	ng	3802710	3	14.445	3754890	20.0
3-Methyl-4-(met...	15.715	9.3	ng	1742010	3	14.445	3754890	20.0
Heneicosane	16.168	25.4	ng	4434630	4	17.186	3491740	20.0
Heptadecane, 8-...	16.956	20.3	ng	3543500	4	17.186	3491740	20.0
Tetracosane	17.009	10.2	ng	1782290	4	17.186	3491740	20.0
Pentadecane	17.698	18.3	ng	3187700	4	17.186	3491740	20.0
Nonadecane	18.386	16.1	ng	2819170	4	17.186	3491740	20.0
Eicosane	19.021	13.9	ng	2417800	4	17.186	3491740	20.0
Eicosane, 10-me...	19.598	8.1	ng	1540170	5	21.421	3822310	20.0