LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-03252024

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-BM031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM044775.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.298	369	376	382	rBV	1433361	2134559	5.79%	0.801%
2	6.869	638	643	648	rVB	1216229	1955093	5.31%	0.733%
3	7.292	710	715	719	rBV	823007	1229097	3.34%	0.461%
4	7.645	769	775	778	rVV	379459	626790	1.70%	0.235%
5	7.687	778	782	795	rVB2	579501	1255788	3.41%	0.471%
6	8.192	858	868	870	rBV3	319442	779339	2.11%	0.292%
7	8.216	870	872	876	rVV	421864	626860	1.70%	0.235%
8	8.316	882	889	894	rBV3	717663	1284750	3.49%	0.482%
9	8.428	902	908	912	rBV	381716	615419	1.67%	0.231%
10	8.486	912	918	936	rVB2	294492	1113162	3.02%	0.418%
11	8.775	962	967	973	rVV2	517811	916650	2.49%	0.344%
12	8.851	974	980	983	rVV2	1028157	1880292	5.10%	0.705%
13	8.892	983	987	996	rVB	1807739	2821800	7.66%	1.058%
14	9.016	1003	1008	1014	rVB4	405951	895437	2.43%	0.336%
15	9.110	1014	1024	1032	rBV7	247280	905637	2.46%	0.340%
16	9.375	1061	1069	1074	rVV4	495742	1179246	3.20%	0.442%
17	9.716	1122	1127	1129	rBV	417310	699956	1.90%	0.263%
18	9.804	1137	1142	1147	rBV2	411091	882123	2.39%	0.331%
19	9.863	1147	1152	1160	rVV4	678068	2100565	5.70%	0.788%
20	9.986	1168	1173	1176	rVV	376739	559236	1.52%	0.210%
21	10.039	1176	1182	1187	rVV4	341203	760233	2.06%	0.285%
22	10.092	1187	1191	1197	rVB	531700	878672	2.38%	0.330%
23	10.163	1197	1203	1210	rVB2	257355	536536	1.46%	0.201%
24	10.239	1210	1216	1223	rBV5	279475	592537	1.61%	0.222%
25	10.433	1242	1249	1259	rVV3	2998110	6445755	17.49%	2.418%
26	10.522	1259	1264	1268	rVV6	325431	760042	2.06%	0.285%
27	10.575	1268	1273	1276	rVV2	520989	924679	2.51%	0.347%
28	10.616	1276	1280	1285	rVB	859187	1292006	3.51%	0.485%
29	10.680	1286	1291	1298	rBV3	372071	729630	1.98%	0.274%
30	10.863	1313	1322	1328	rVV6	193675	670385	1.82%	0.251%
31	10.927	1328	1333	1340	rVB2	591300	1127676	3.06%	0.423%
32	11.122	1361	1366	1368	rBV2	409614	718077	1.95%	0.269%
33	11.216	1379	1382	1389	rVB2	311535	578061	1.57%	0.217%
34	11.298	1389	1396	1403	rBV4	568532	1194423	3.24%	0.448%
35	11.374	1403	1409	1416	rBV2	917354	1644894	4.46%	0.617%
36	11.480	1422	1427	1431	rBV	868622	1358458	3.69%	0.510%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

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-BM031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.569	1438	1442	1447	rVB2	322256	533463	1.45%	0.200%
38	11.657	1451	1457	1464	rVB2	1059435	1895393	5.14%	0.711%
39	11.886	1486	1496	1502	rBV	3534221	6024669	16.35%	2.260%
40	12.016	1515	1518	1524	rVB3	650435	995724	2.70%	0.374%
41	12.104	1528	1533	1537	rVB3	323306	635102	1.72%	0.238%
42	12.392	1577	1582	1586	rVV	926847	1590305	4.32%	0.597%
43	12.527	1599	1605	1609	rBV2	480458	877569	2.38%	0.329%
44	12.574	1609	1613	1620	rVB3	475933	954076	2.59%	0.358%
45	12.639	1620	1624	1632	rBV5	496538	1065258	2.89%	0.400%
46	12.710	1632	1636	1647	rVB2	786640	1625048	4.41%	0.610%
47	12.804	1647	1652	1656	rBV3	690210	1250659	3.39%	0.469%
48	12.857	1656	1661	1667	rVB3	989807	1659445	4.50%	0.622%
49	12.945	1672	1676	1684	rBV	1649171	2523064	6.85%	0.946%
50	13.151	1703	1711	1718	rVV	4255425	6296612	17.09%	2.362%
51	13.268	1728	1731	1735	rVV2	706192	1076103	2.92%	0.404%
52	13.316	1735	1739	1743	rVB3	454700	623364	1.69%	0.234%
53	13.610	1783	1789	1793	rBV4	258341	676067	1.83%	0.254%
54	13.810	1816	1823	1827	rBV	1220594	2311526	6.27%	0.867%
55	13.851	1827	1830	1836	rVB4	882741	1308839	3.55%	0.491%
56	14.239	1889	1896	1900	rBV	4775159	6714698	18.22%	2.519%
57	14.333	1903	1912	1919	rVB3	1201663	2850352	7.74%	1.069%
58	14.698	1968	1974	1978	rBV4	397637	915908	2.49%	0.344%
59	14.739	1978	1981	1986	rVB2	540875	663893	1.80%	0.249%
60	14.857	1997	2001	2010	rVB4	1109247	1781937	4.84%	0.668%
61	15.198	2053	2059	2063	rVB	4761401	6181725	16.78%	2.319%
62	15.598	2121	2127	2132	rBV	1375858	2452012	6.65%	0.920%
63	15.757	2149	2154	2159	rBV3	610939	1099609	2.98%	0.412%
64	15.833	2160	2167	2174	rVB4	1461569	2952800	8.01%	1.108%
65	16.062	2201	2206	2221	rBV	5129347	8719664	23.66%	3.271%
66	16.404	2260	2264	2267	rBV	390528	627943	1.70%	0.236%
67	16.856	2336	2341	2345	rBV	4424537	5453599	14.80%	2.046%
68	16.904	2345	2349	2360	rVB	1528830	2714933	7.37%	1.018%
69	17.092	2376	2381	2386	rBV	1277744	1883417	5.11%	0.706%
70	17.327	2418	2421	2427	rVB	399589	561892	1.52%	0.211%
71	17.392	2429	2432	2439	rVB	415774	572179	1.55%	0.215%
72	17.598	2462	2467	2472	rBV	3987209	4751741	12.90%	1.782%
73	17.645	2472	2475	2478	rBV	463105	537970	1.46%	0.202%
74	17.792	2492	2500	2504	rVB	18848333	36848295	100.00%	13.822%
75	17.880	2512	2515	2524	rVB2	329618	733059	1.99%	0.275%
76	18.021	2533	2539	2549	rVB	2147717	3839668	10.42%	1.440%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-03252024

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-BM031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.292	2581	2585	2589	rBV	3408819	4364740	11.85%	1.637%
78	18.392	2599	2602	2607	rVB4	357208	521050	1.41%	0.195%
79	18.462	2611	2614	2620	rVB2	527311	703324	1.91%	0.264%
80	18.527	2621	2625	2633	rBV3	632306	1180592	3.20%	0.443%
81	18.939	2688	2695	2696	rBV	17815810	30017861	81.46%	11.260%
82	19.109	2718	2724	2728	rVB	14401924	20761359	56.34%	7.788%
83	19.156	2728	2732	2735	rBV	3872347	5157644	14.00%	1.935%
84	19.186	2735	2737	2742	rVV2	2038285	2869022	7.79%	1.076%
85	19.227	2742	2744	2749	rVB	723523	926204	2.51%	0.347%
86	19.297	2753	2756	2763	rVB4	588636	1012154	2.75%	0.380%
87	19.456	2779	2783	2790	rBV2	722255	1088193	2.95%	0.408%
88	19.521	2790	2794	2798	rBV	2358738	2849780	7.73%	1.069%
89	19.745	2824	2832	2835	rBV	2594879	4211987	11.43%	1.580%
90	20.056	2881	2885	2888	rVV	2413606	3068136	8.33%	1.151%
91	20.086	2888	2890	2900	rVB2	1709831	2667161	7.24%	1.000%
92	20.197	2905	2909	2913	rBV	2479436	3063604	8.31%	1.149%
93	20.556	2966	2970	2978	rVB	1378889	1730913	4.70%	0.649%
94	21.021	3046	3049	3052	rVB	1124499	1144998	3.11%	0.429%
95	21.150	3068	3071	3079	rBV	2252443	2852652	7.74%	1.070%
96	21.292	3092	3095	3100	rVB	1282104	1583461	4.30%	0.594%
97	21.456	3120	3123	3127	rBV	786385	860743	2.34%	0.323%
98	21.897	3195	3198	3204	rBV	664750	993210	2.70%	0.373%
99	22.039	3219	3222	3226	rBV	770124	850401	2.31%	0.319%
100	22.362	3275	3277	3283	rVB	531657	659354	1.79%	0.247%

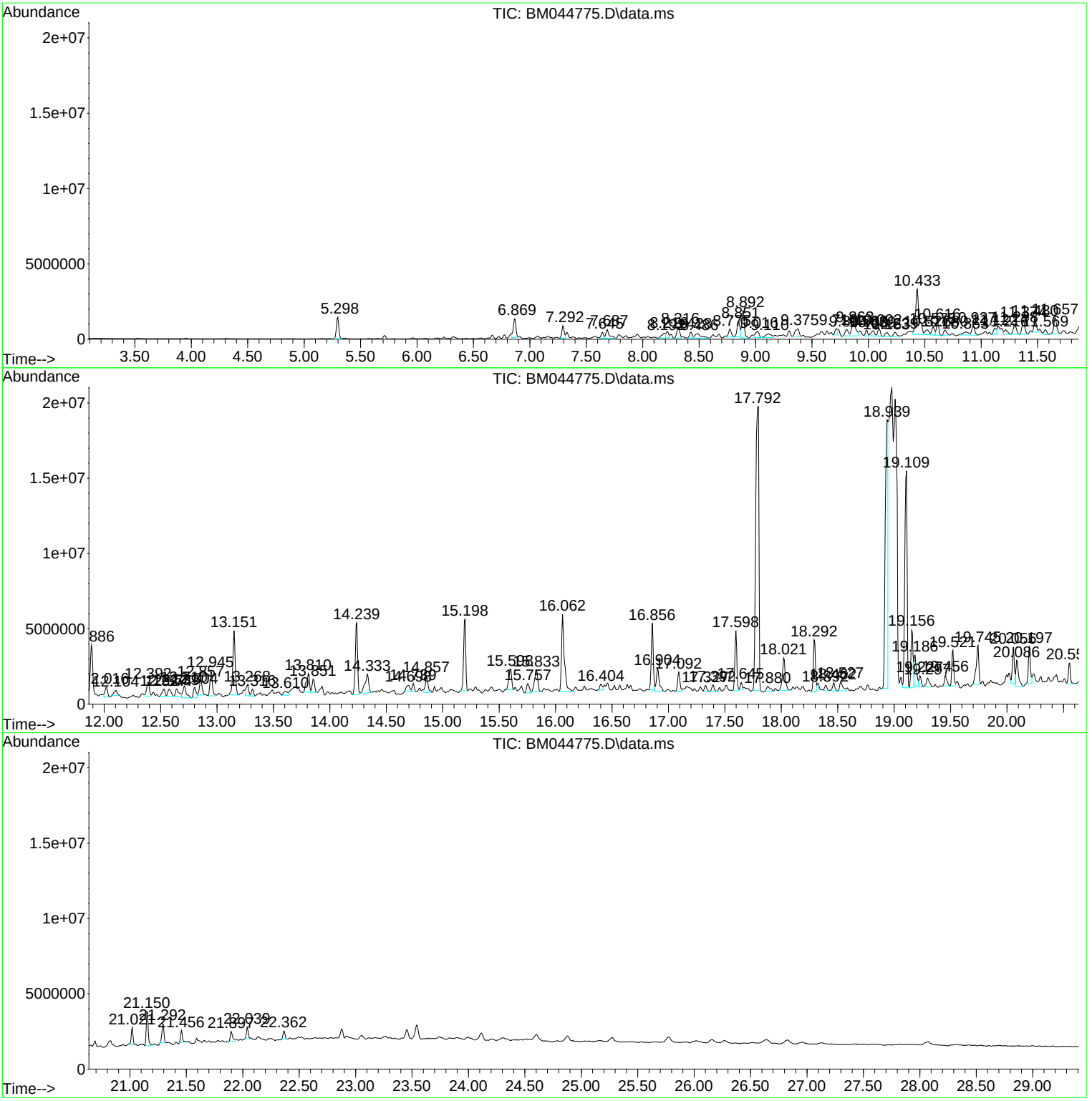
Sum of corrected areas: 266591986

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.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\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

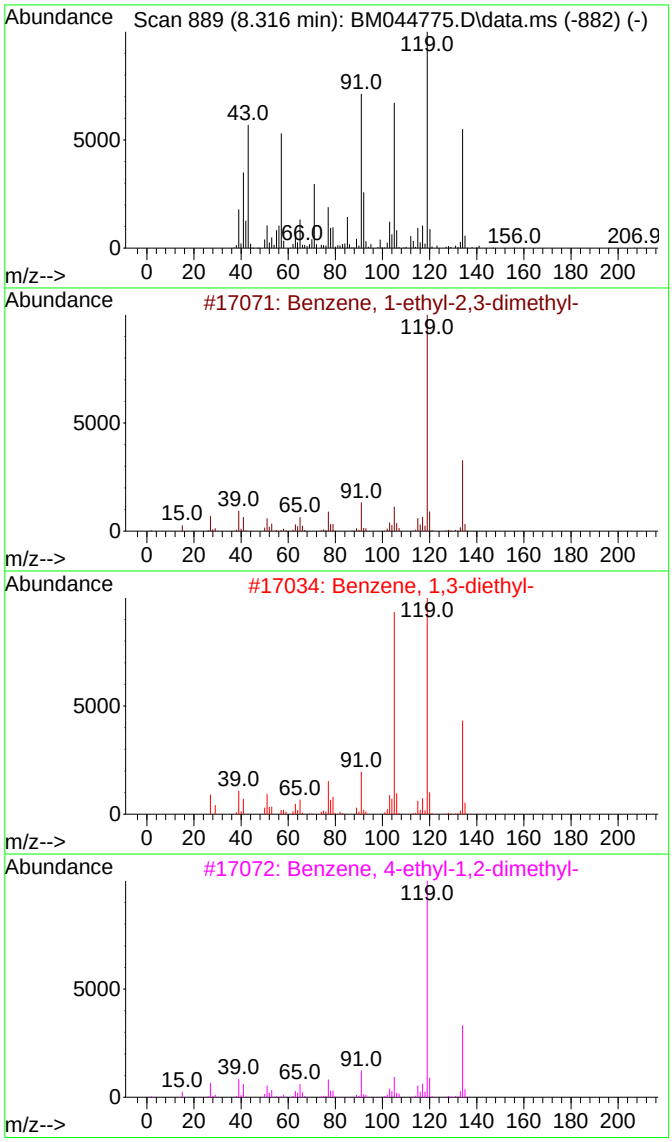
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

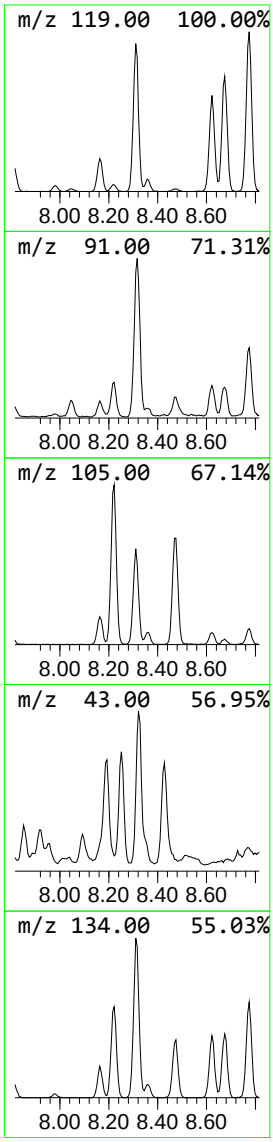
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.316	20.46 ng	1284750	1,4-Dichlorobenzene-d4	7.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	89
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

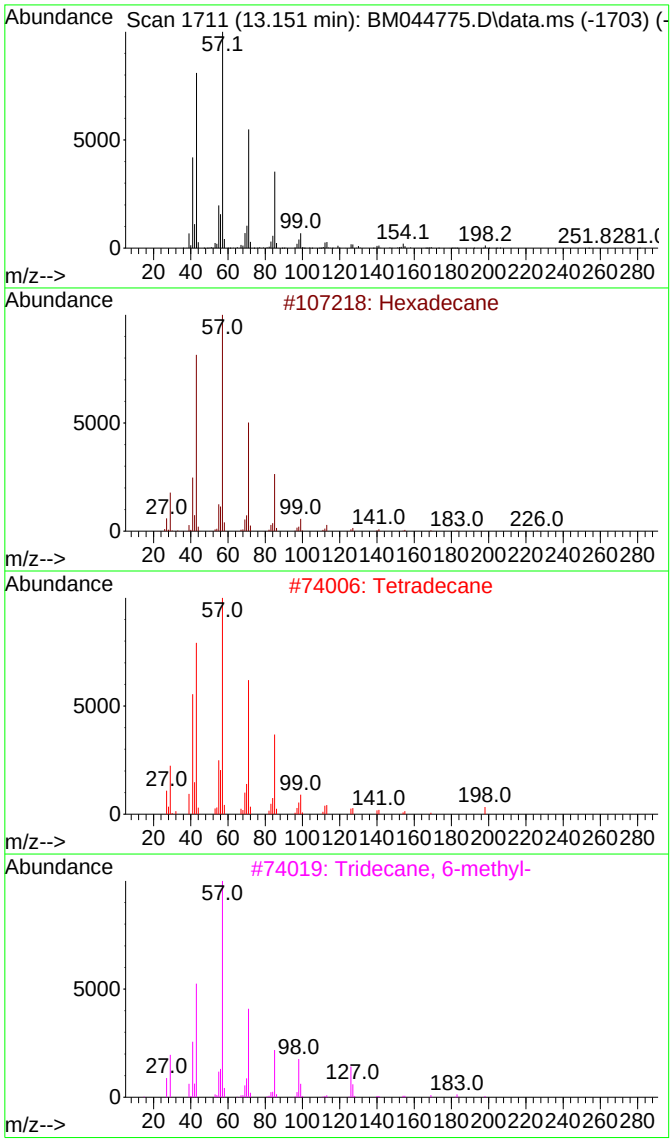
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

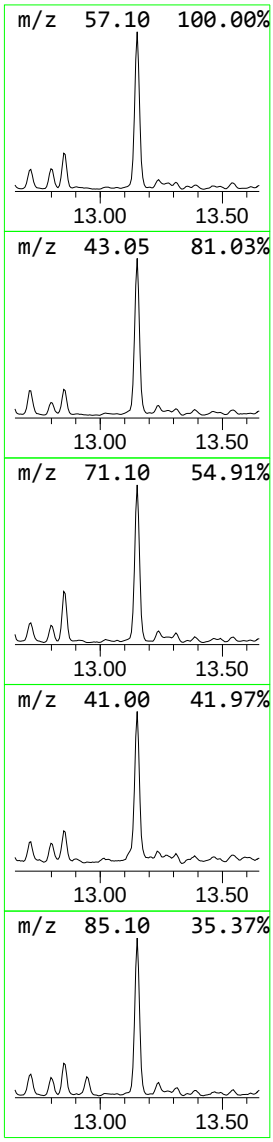
****

Peak Number 2 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	44.18 ng	6296610	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.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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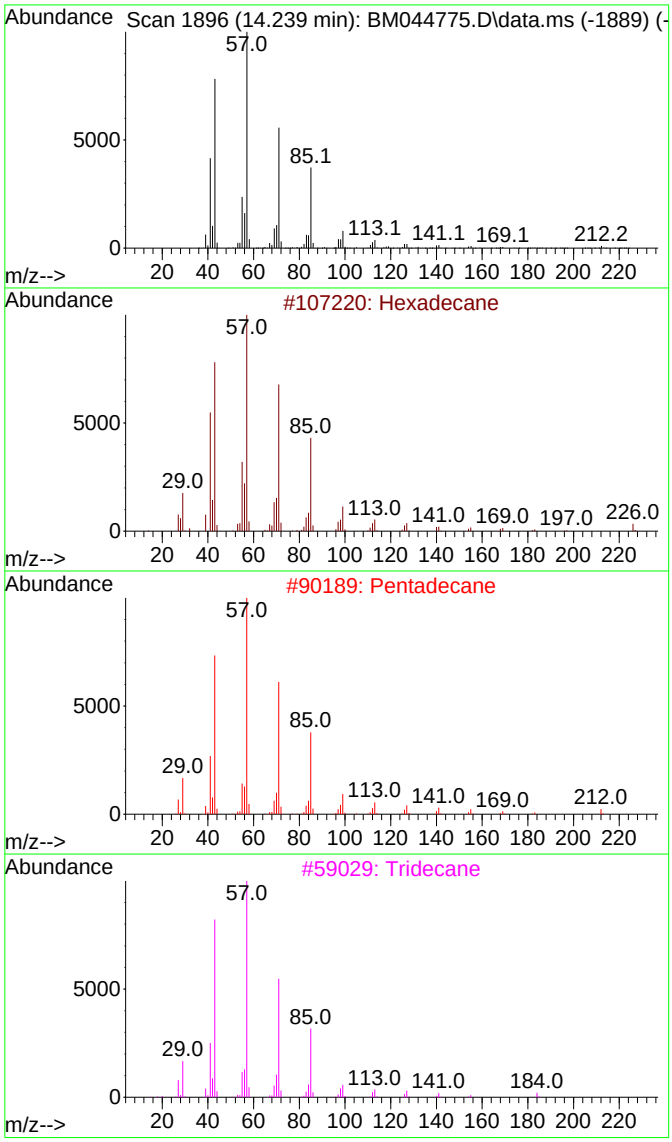
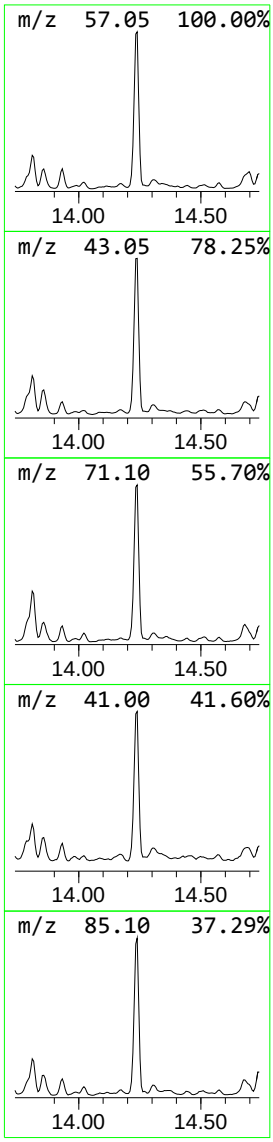
Peak Number 3 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	47.11 ng	6714700	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

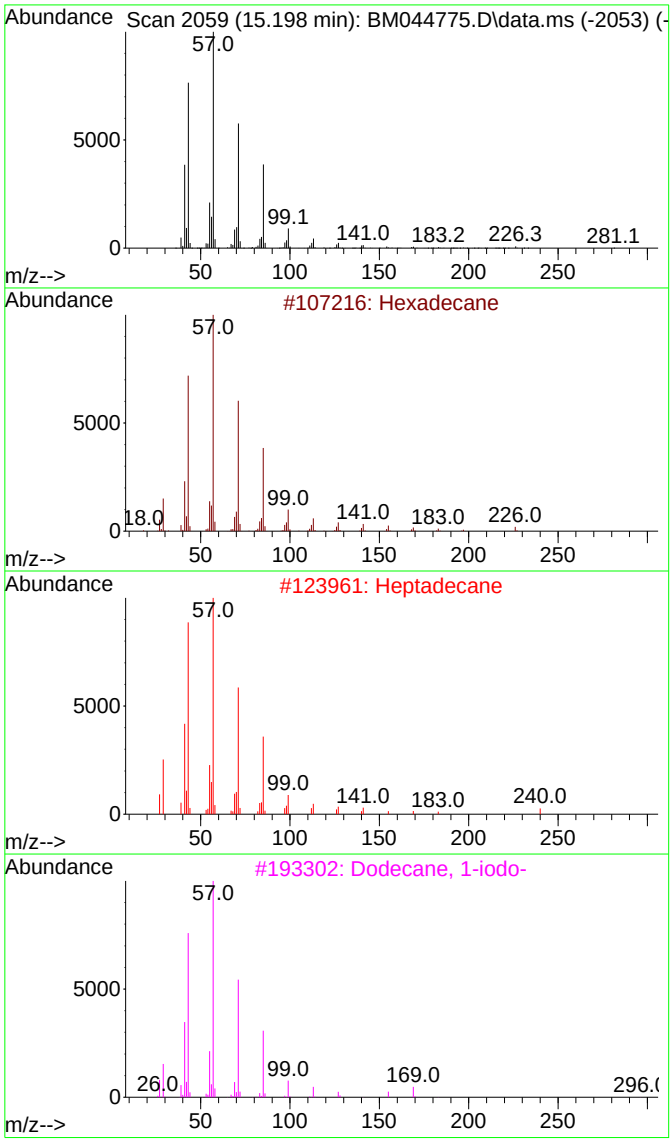
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

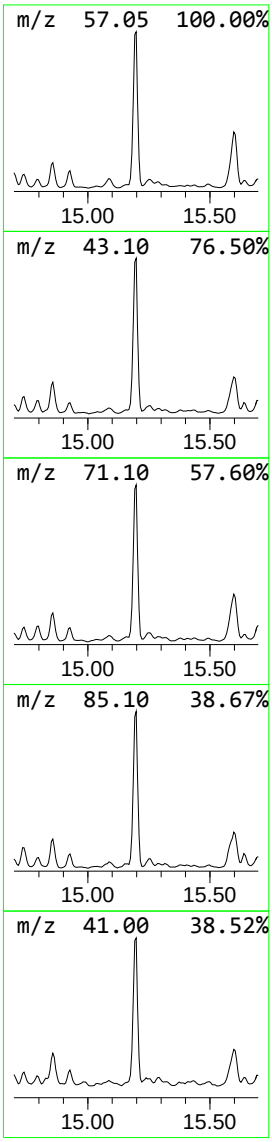
****

Peak Number 4 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	43.38 ng	6181730	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

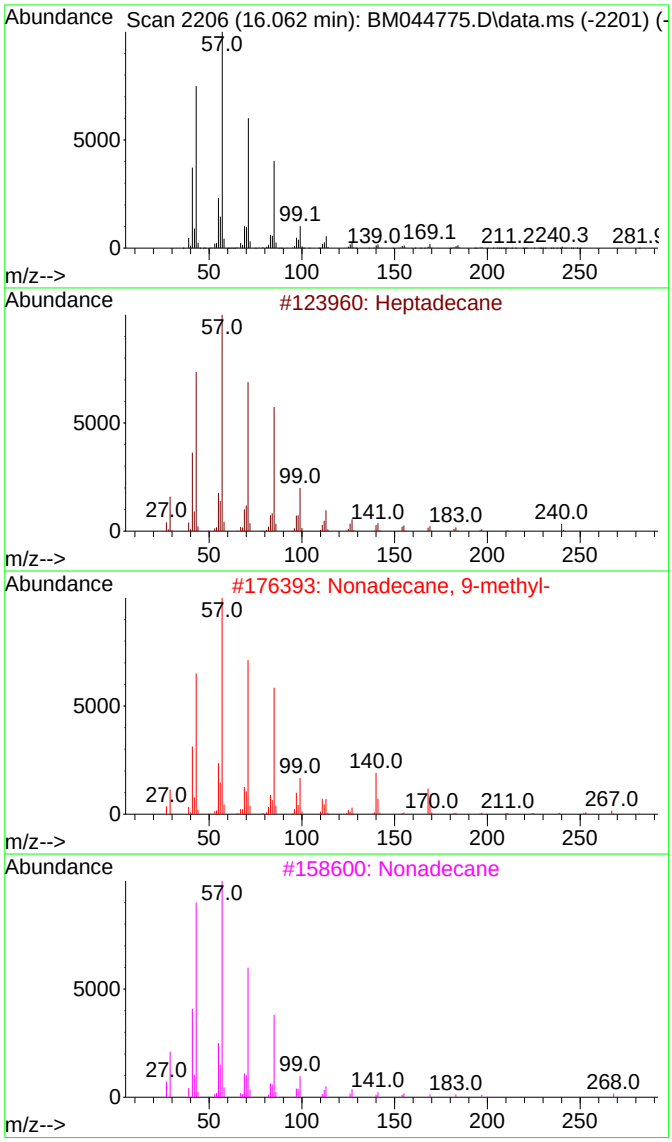
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

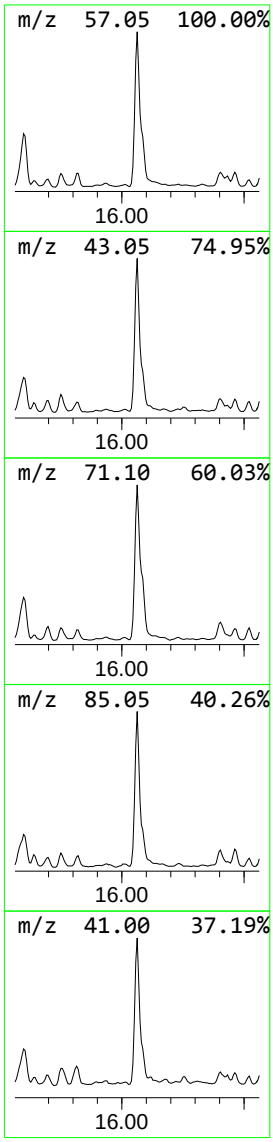
****

Peak Number 5 Nonadecane, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.062	92.59 ng	8719660	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-02-03252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.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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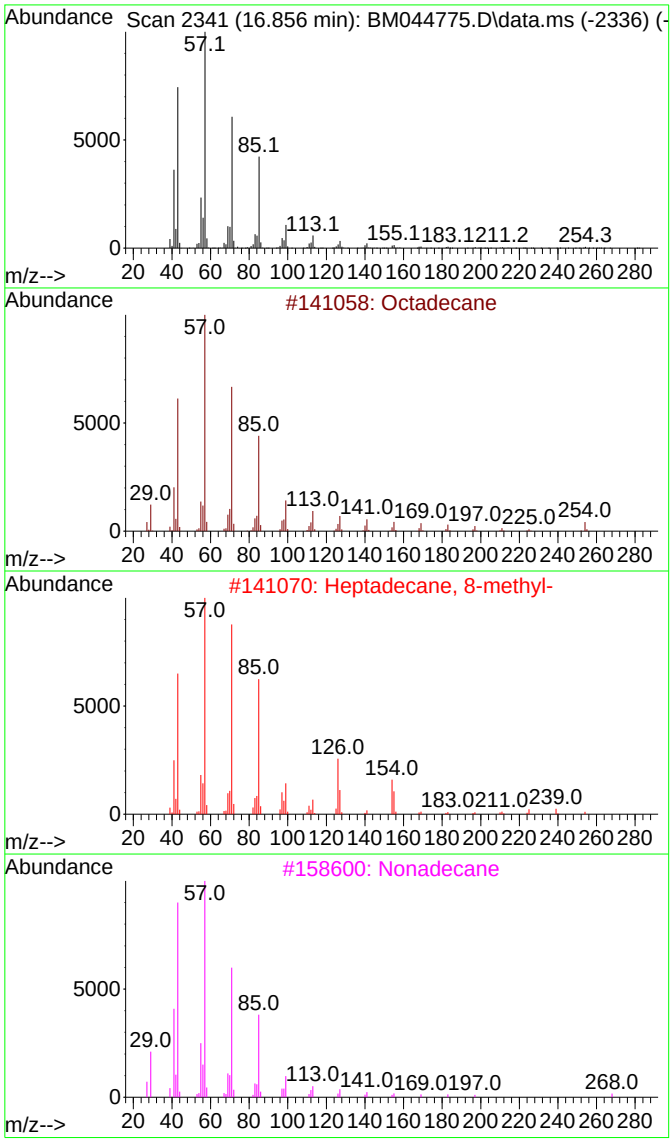
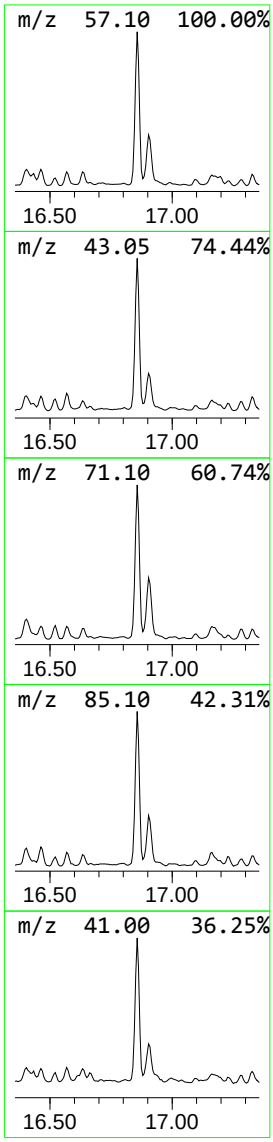
Peak Number 6 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.857	57.91 ng	5453600	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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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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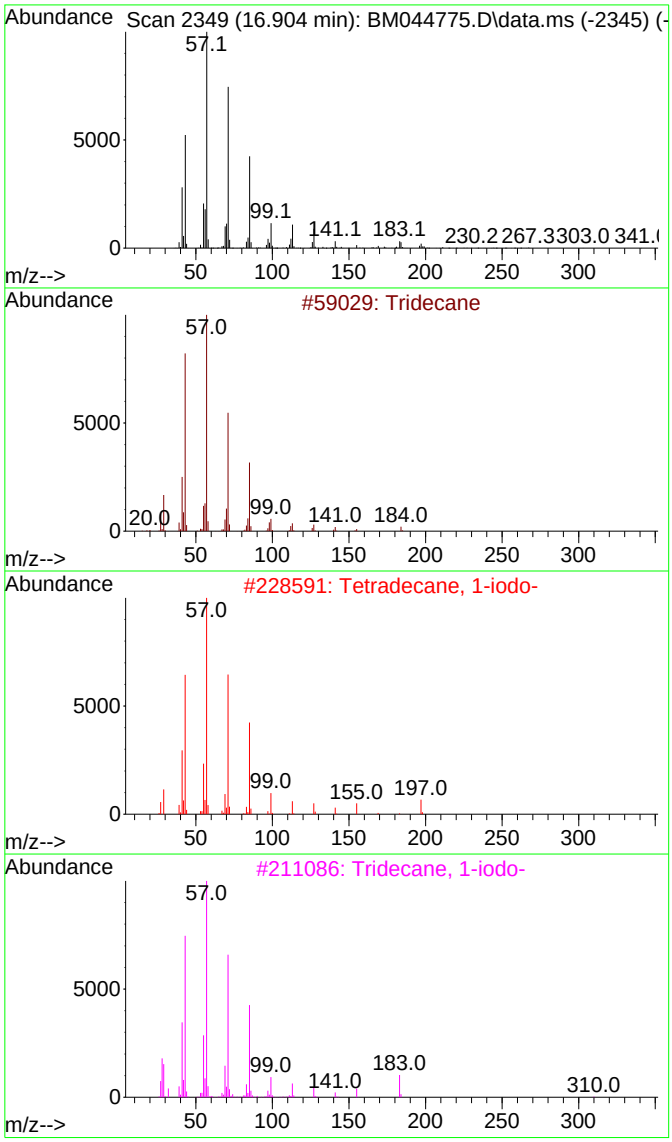
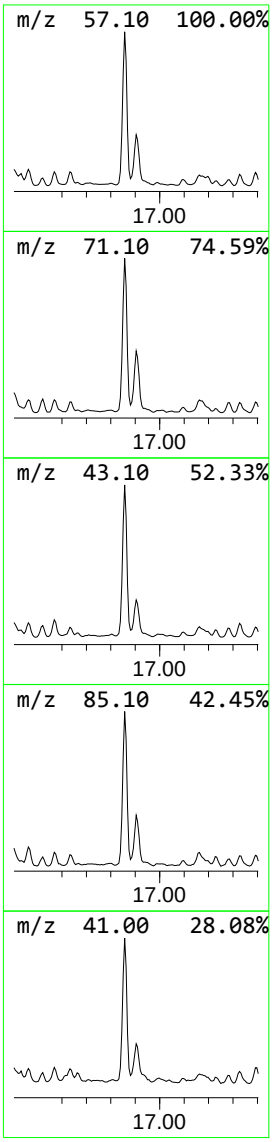
Peak Number 7 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.904	28.83 ng	2714930	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64





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ClientSampleId :
HD-02-03252024

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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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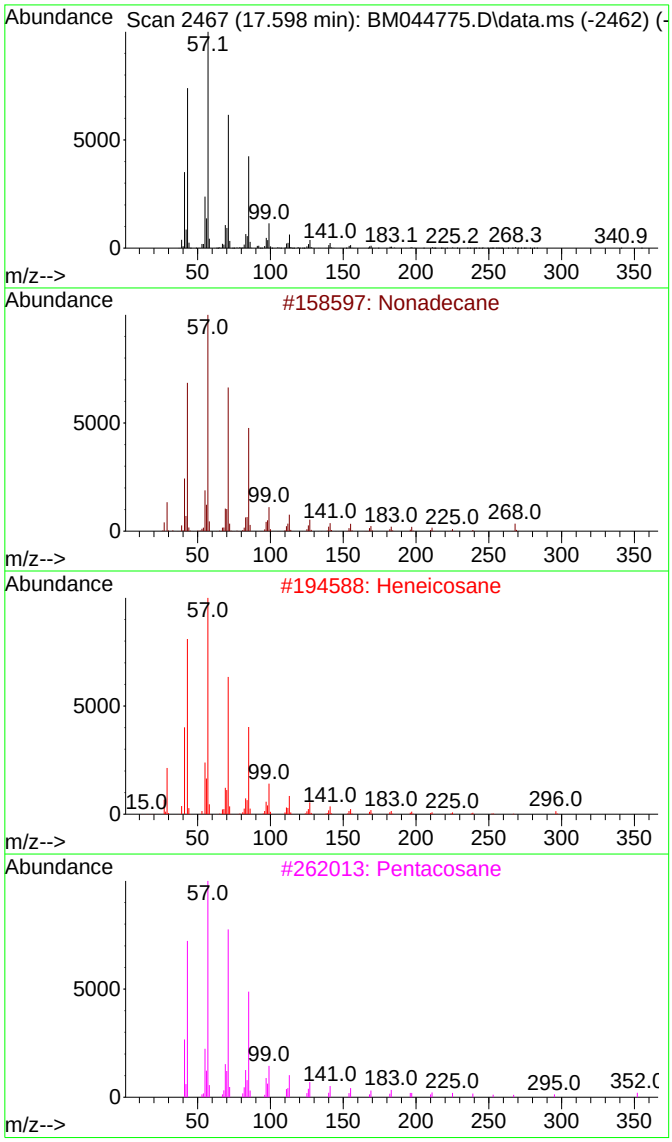
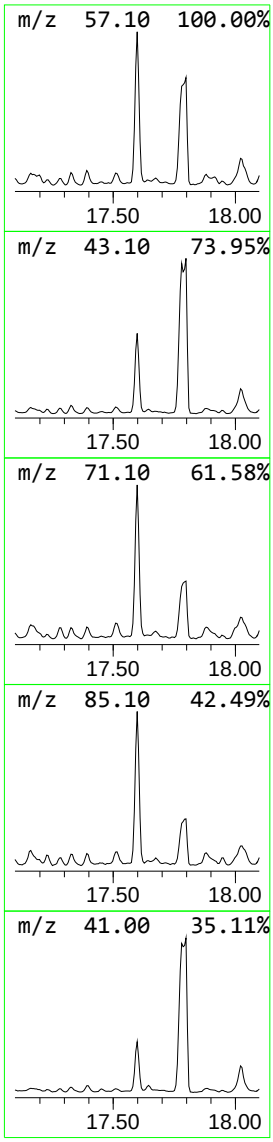
Peak Number 8 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.598	50.46 ng	4751740	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Tridecane	184	C13H28	000629-50-5	90





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BNA_M
ClientSampleId :
HD-02-03252024

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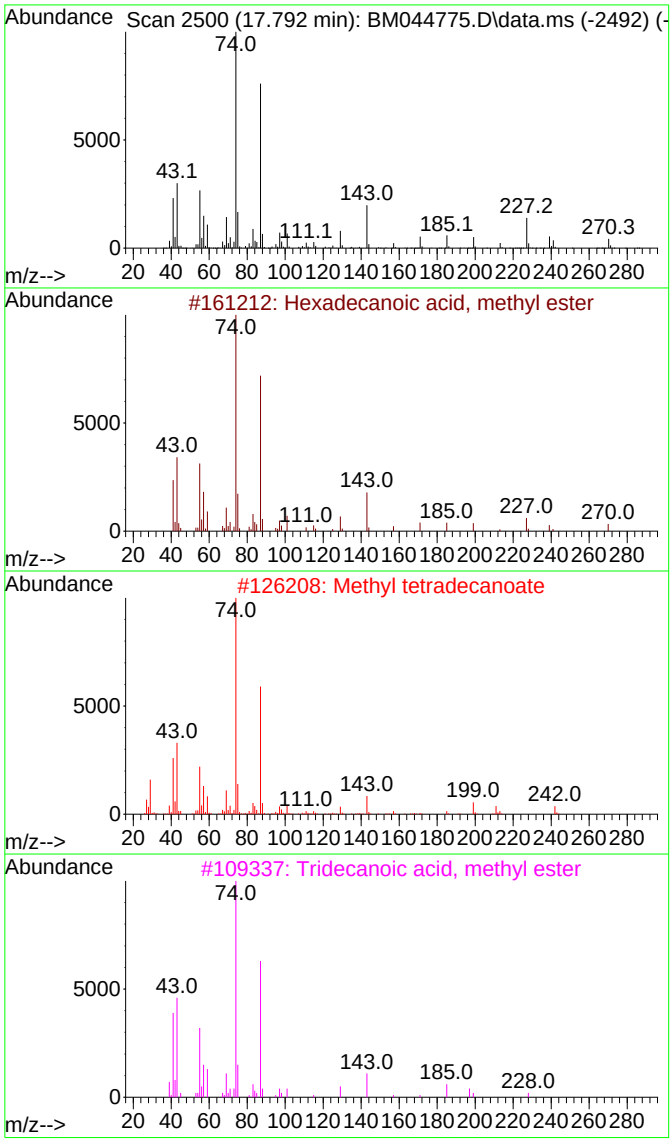
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

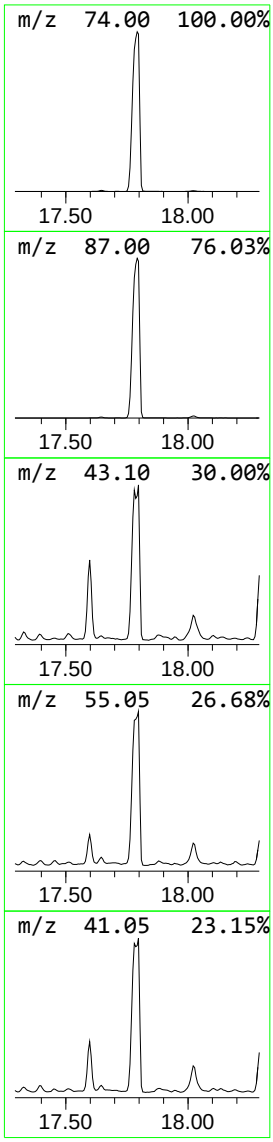
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.792	391.29 ng	36848300	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





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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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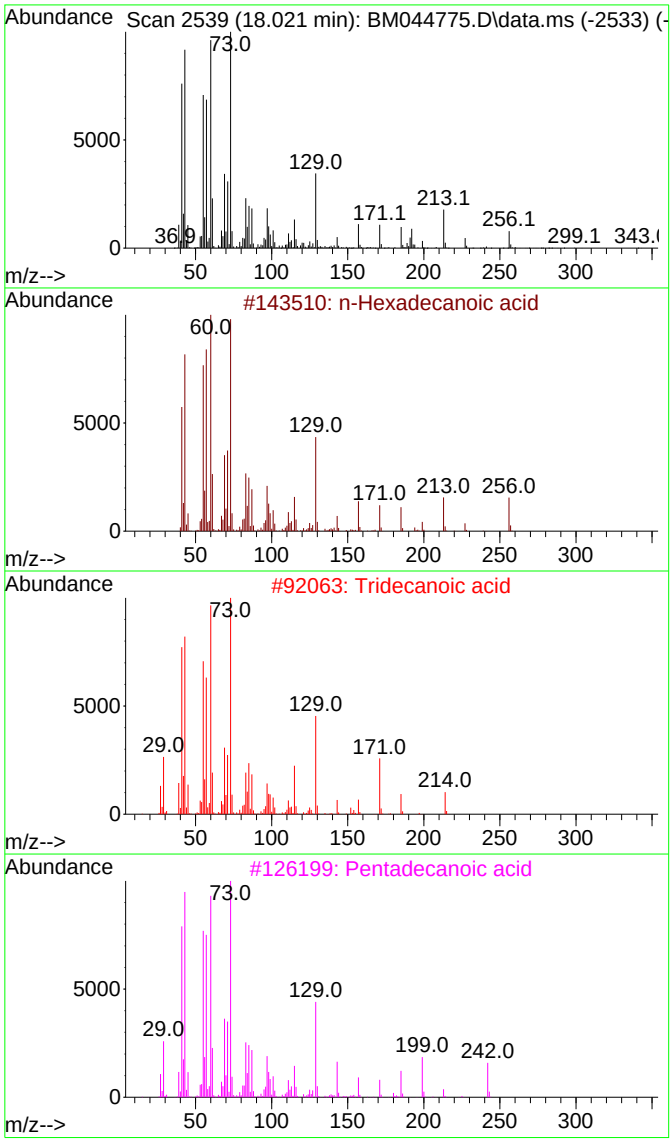
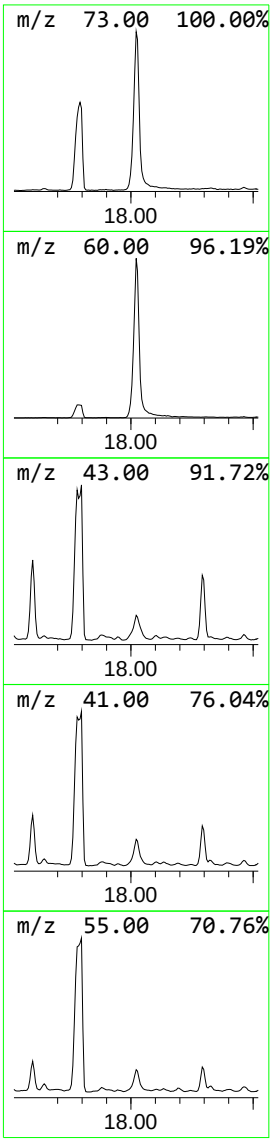
Peak Number 10 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.021	40.77 ng	3839670	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Sample : P1861-01
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ClientSampleId :
HD-02-03252024

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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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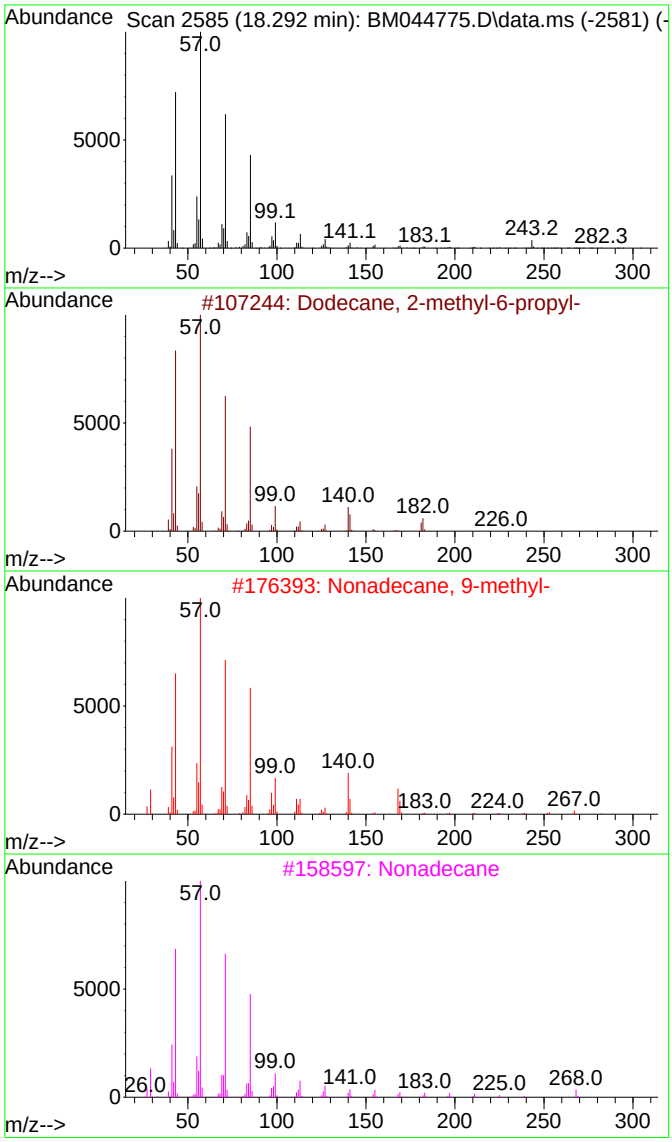
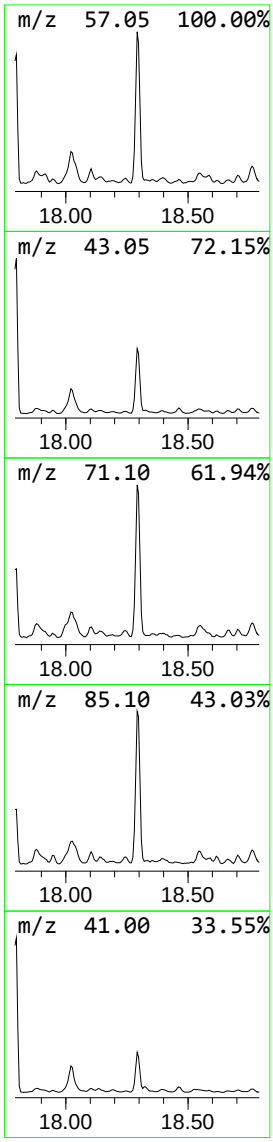
Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	46.35 ng	4364740	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





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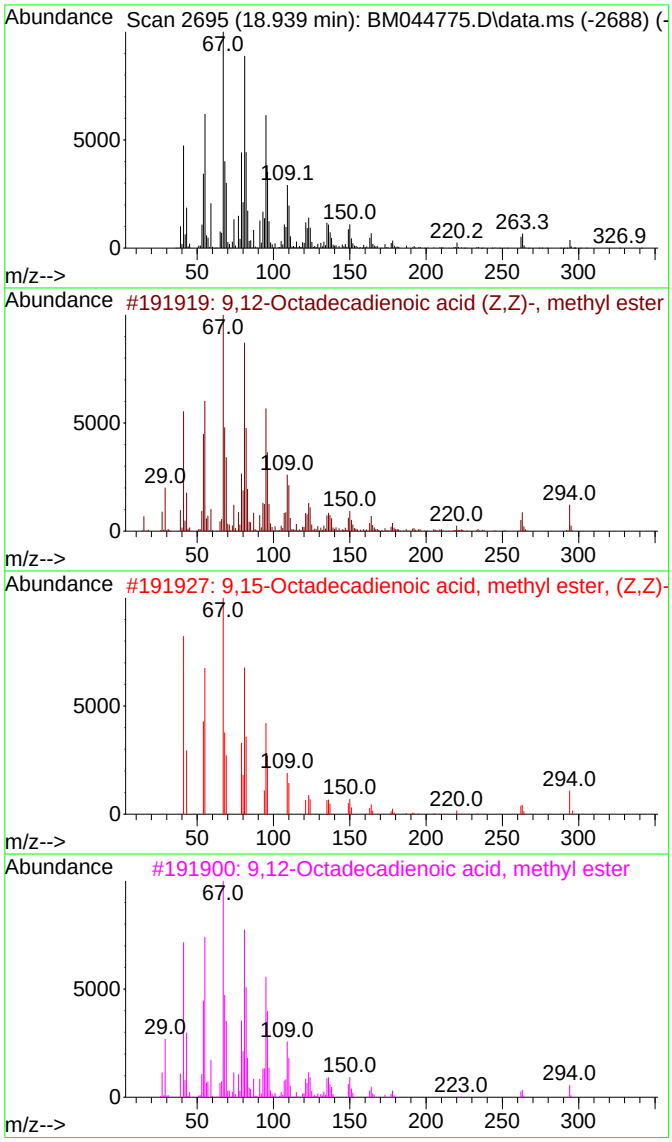
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

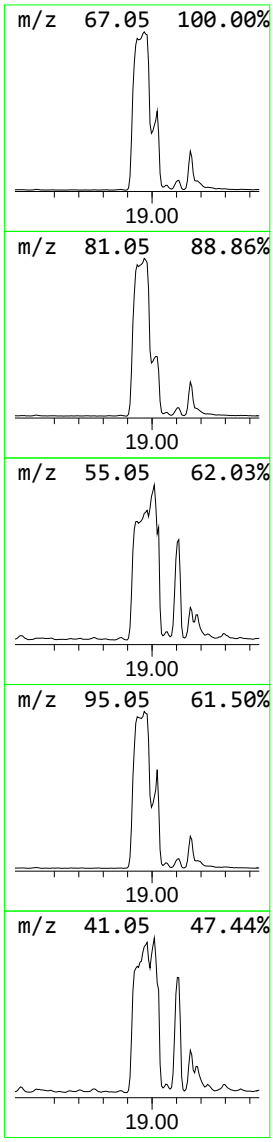
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	318.76 ng	30017900	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98





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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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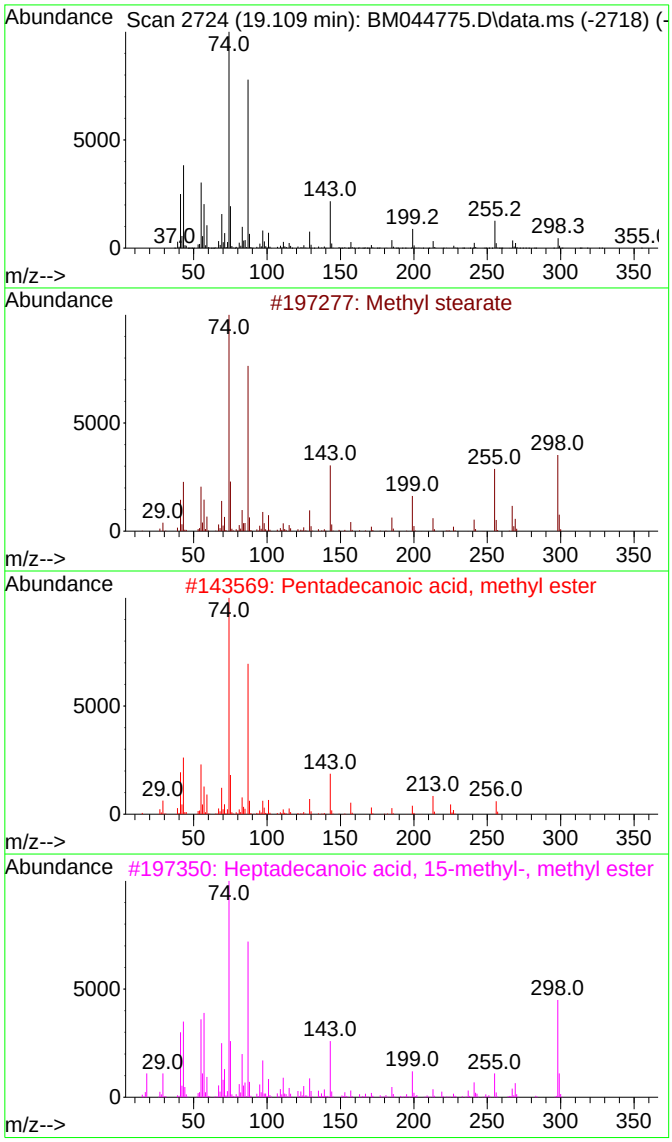
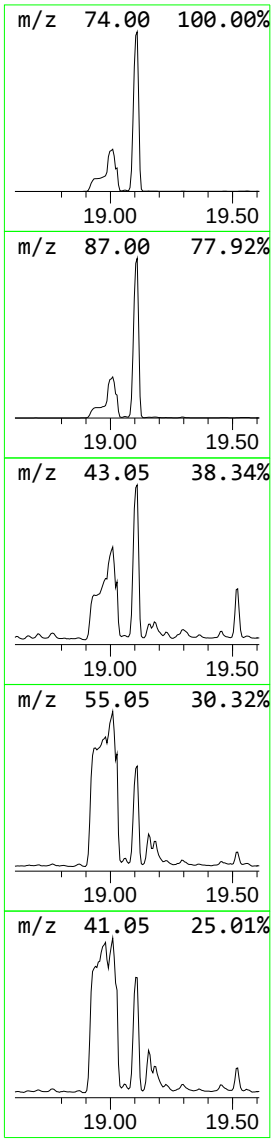
Peak Number 13 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.109	220.47 ng	20761400	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86





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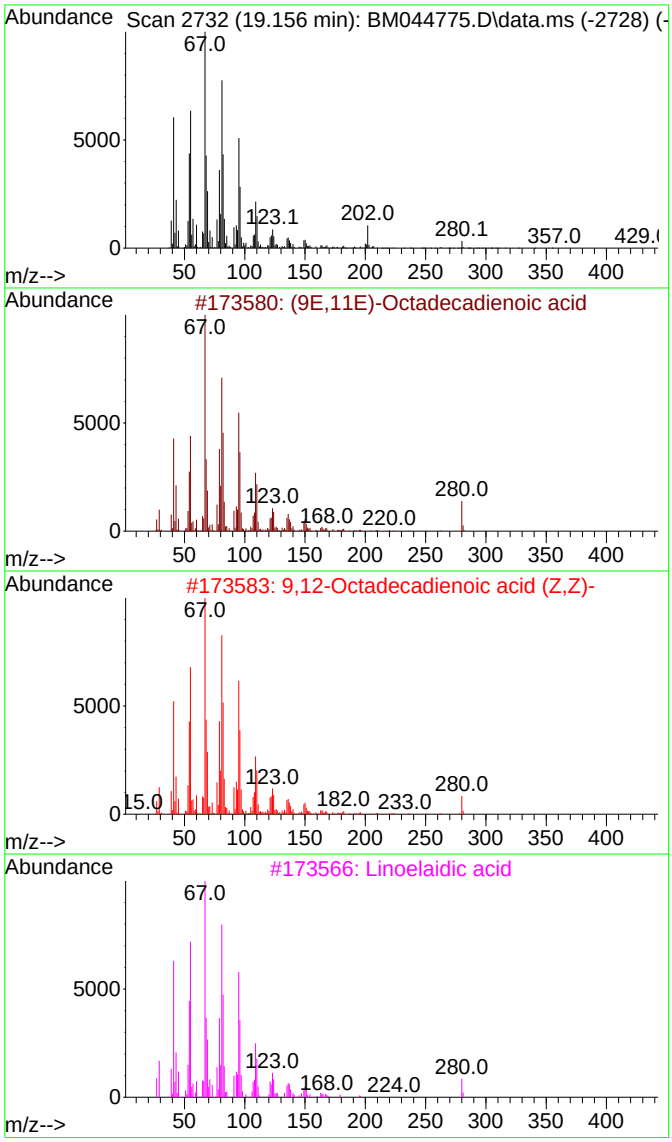
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

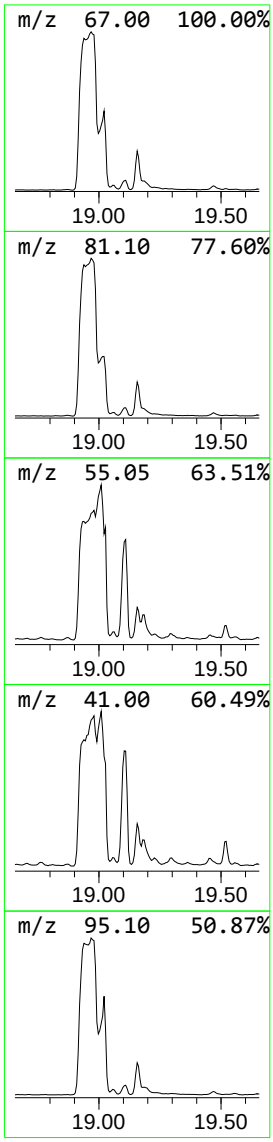
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (9E,11E)-Octadecadienoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.156	54.77 ng	5157640	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	98
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	96
3	Linoelaidic acid	280	C18H32O2	000506-21-8	96
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	93
5	(Z)-9-octadecen-4-olide	280	C18H32O2	1000383-55-3	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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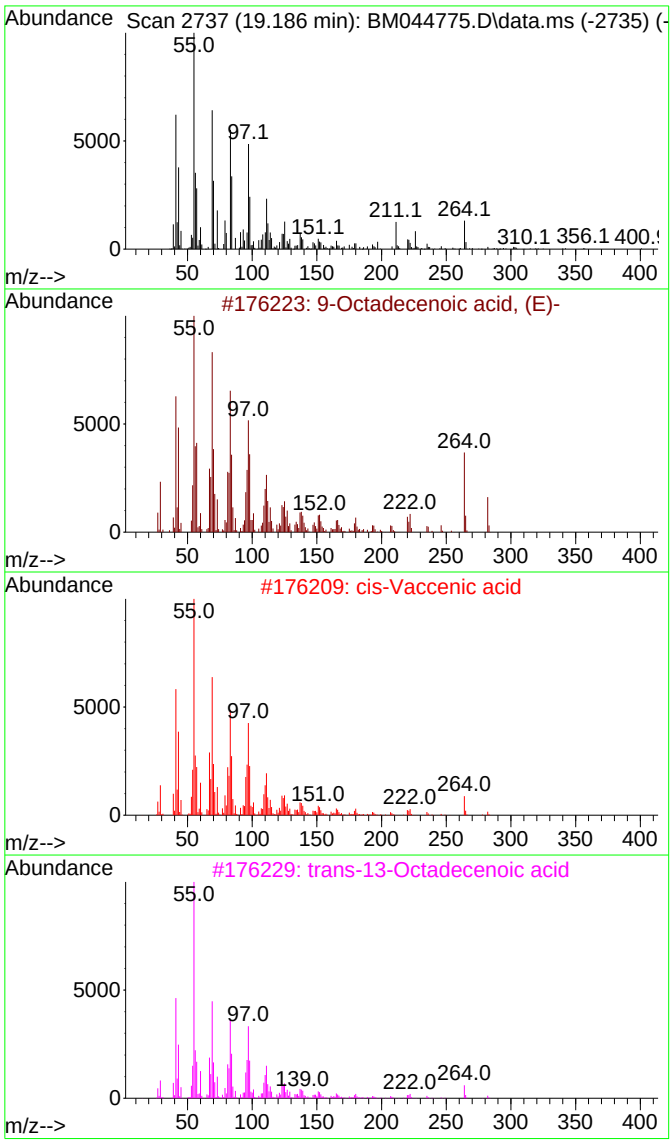
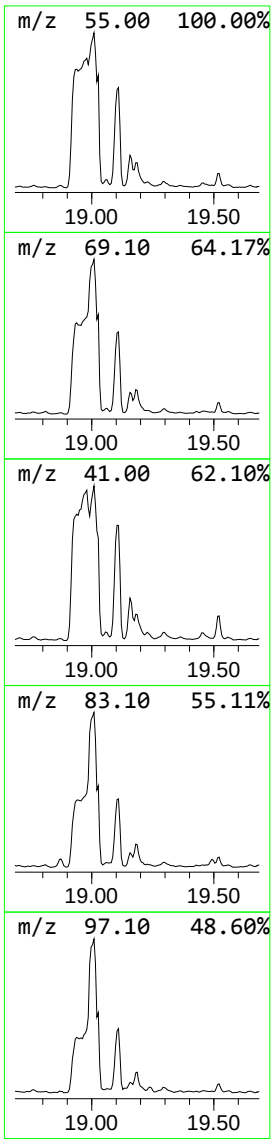
Peak Number 15 9-Octadecenoic acid, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	30.47 ng	2869020	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	86
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	83
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	80
5	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	64





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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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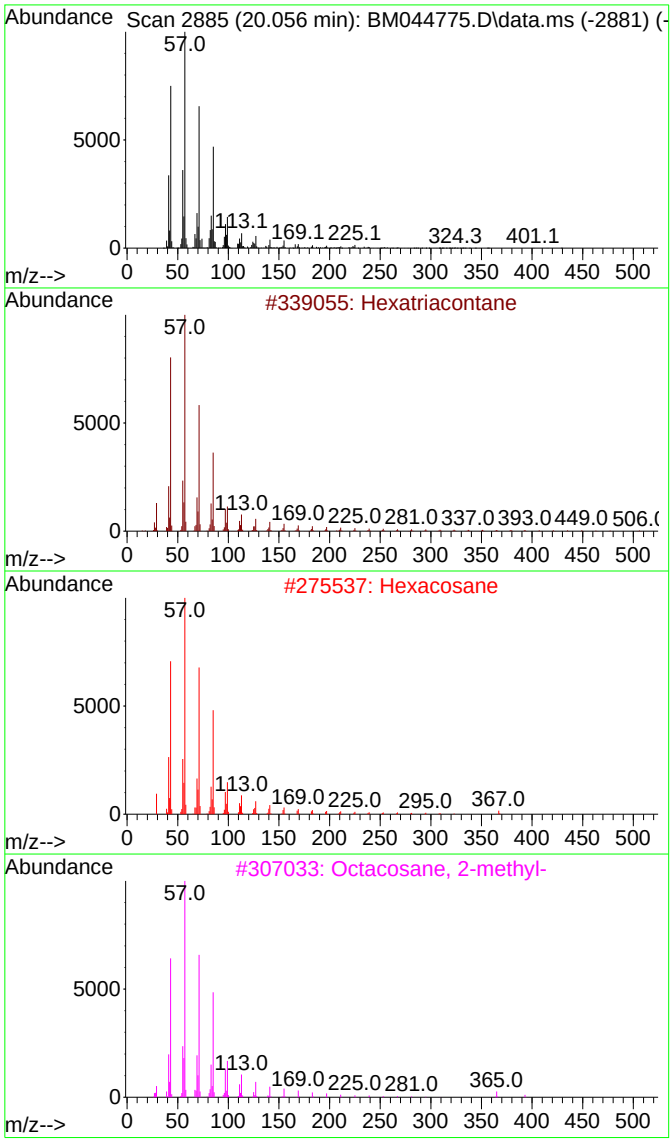
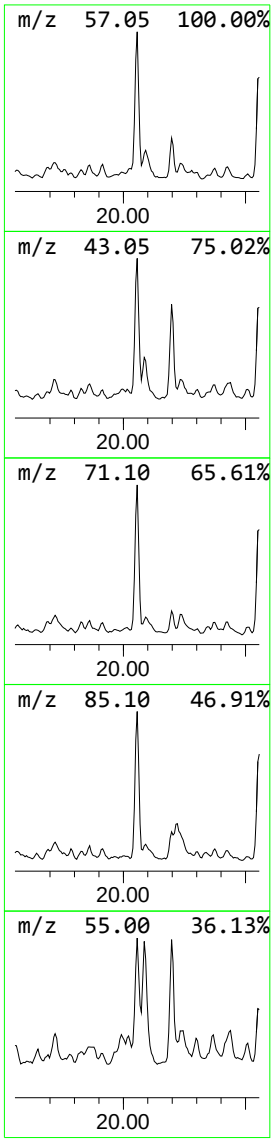
Peak Number 16 Hexatriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.056	38.75 ng	3068140	Chrysene-d12	21.291

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





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ALS Vial : 13 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

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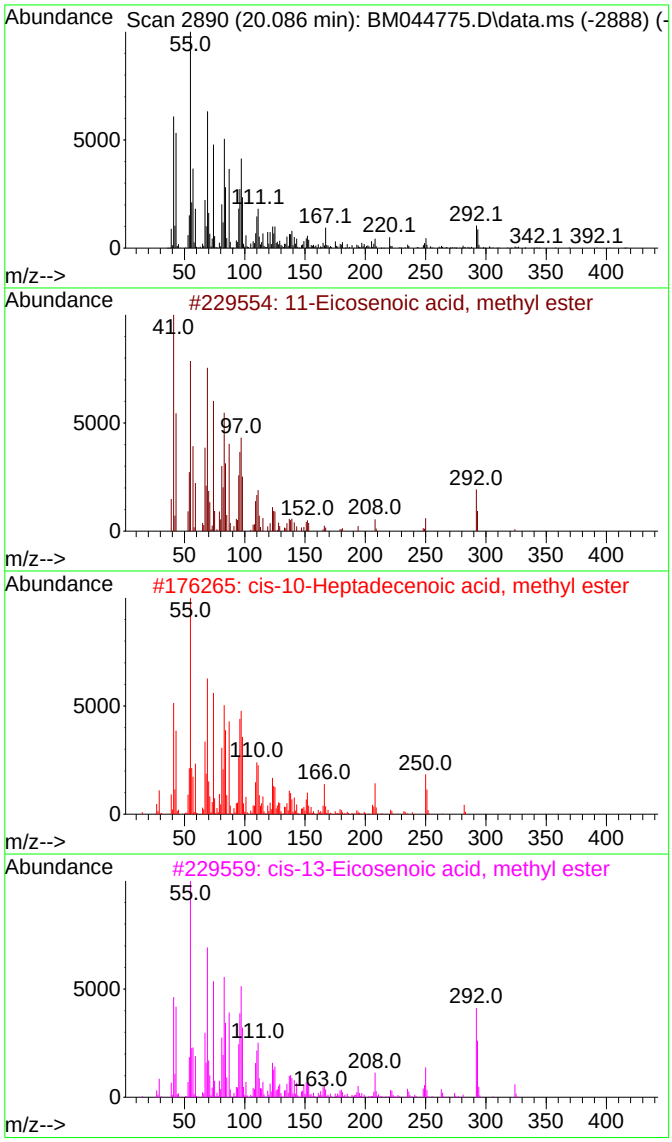
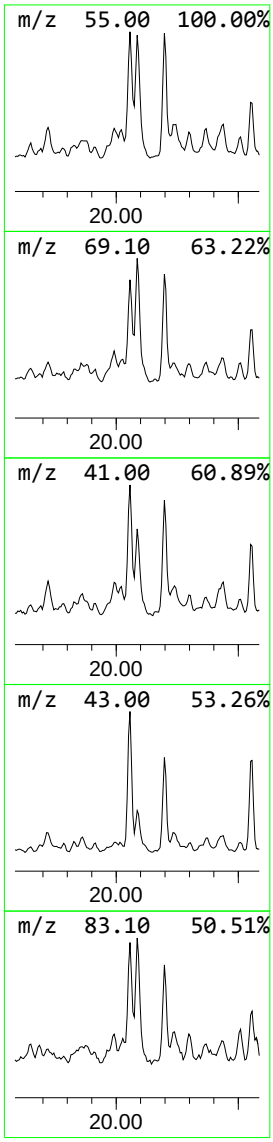
Peak Number 17 11-Eicosenoic acid, methyl ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.086	33.69 ng	2667160	Chrysene-d12	21.291

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	96
2	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	93
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	91
4	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	91
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

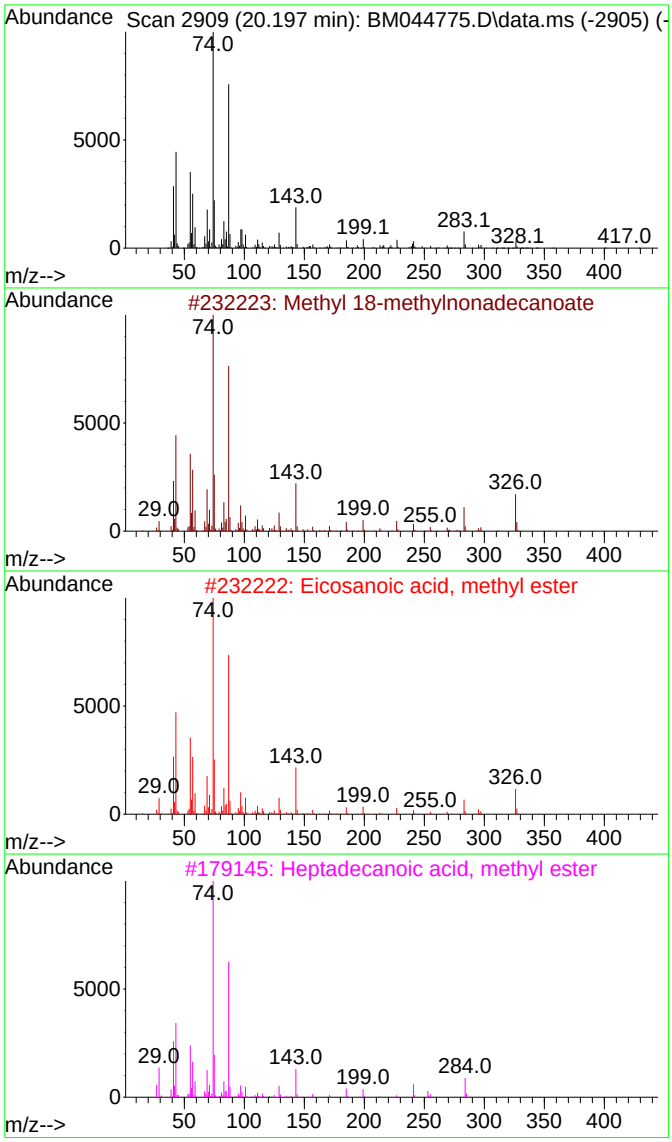
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

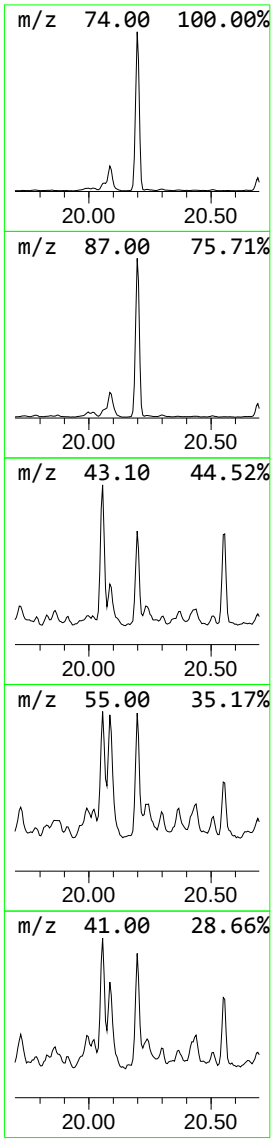
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Methyl 18-methylnonadecanoate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.198	38.70 ng	3063600	Chrysene-d12	21.291

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	98
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
5	Methyl stearate	298	C19H38O2	000112-61-8	93





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Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

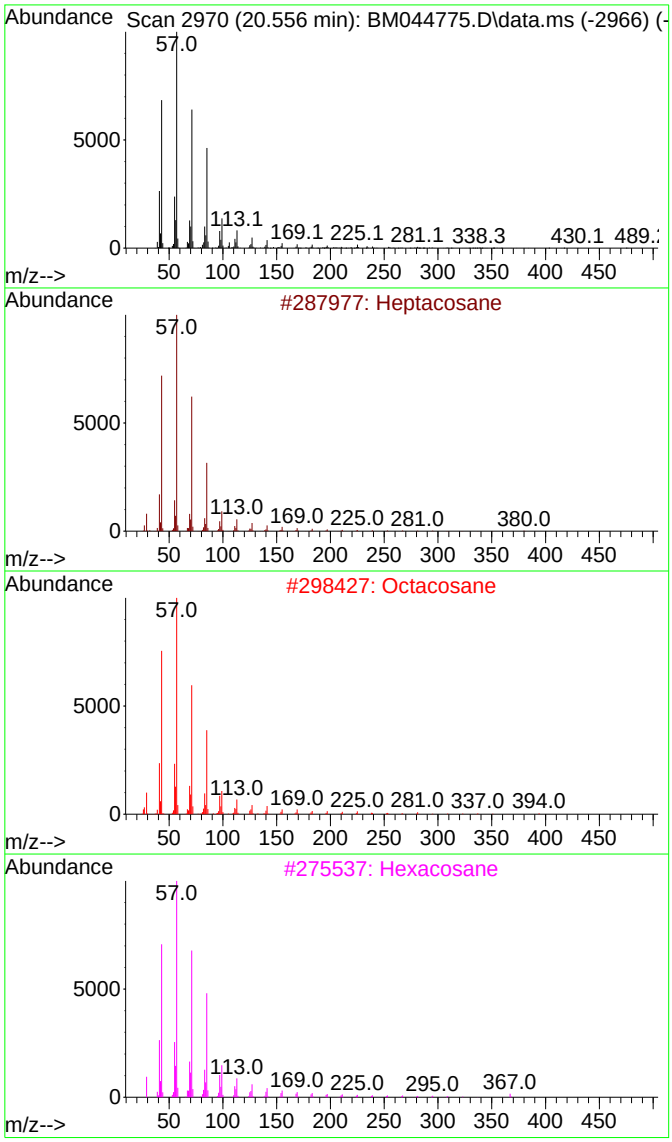
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

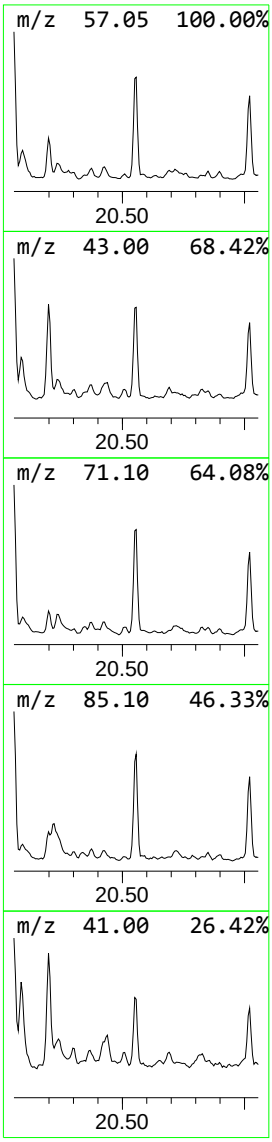
****

Peak Number 19 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.556	21.86 ng	1730910	Chrysene-d12	21.291

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

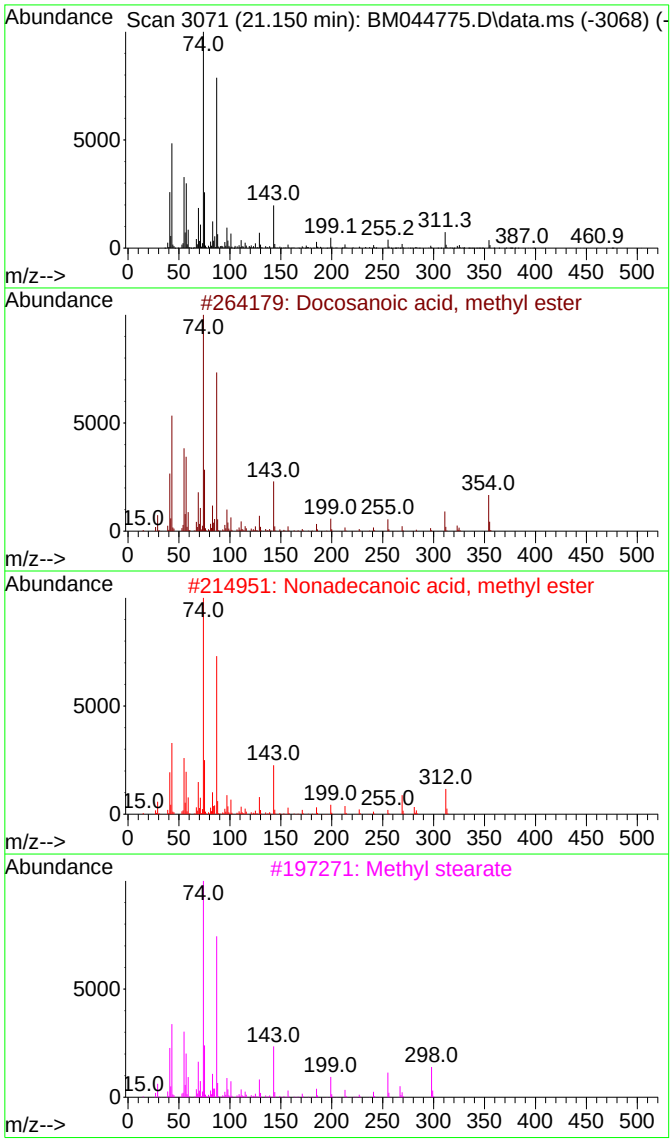
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

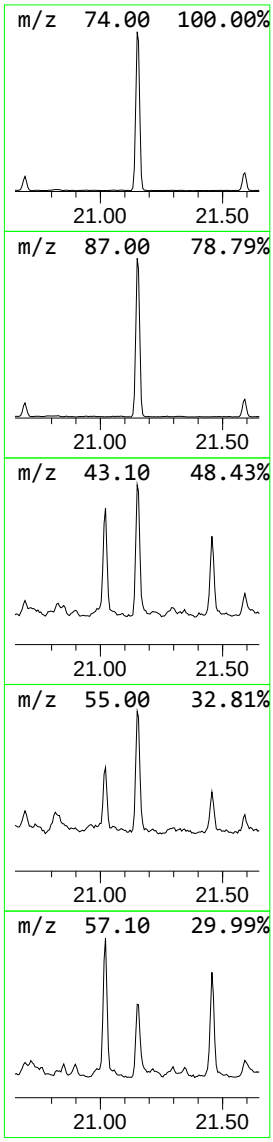
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.150	36.03 ng	2852650	Chrysene-d12	21.291

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
3	Methyl stearate	298	C19H38O2	000112-61-8	87
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
Data File : BM044775.D
Acq On : 26 Mar 2024 19:03
Operator : MA/JU
Sample : P1861-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
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
Benzene, 1-ethy...	8.316	20.5	ng	1284750	1	7.686	1255790	20.0
Hexadecane	13.151	44.2	ng	6296610	3	14.333	2850350	20.0
Pentadecane	14.239	47.1	ng	6714700	3	14.333	2850350	20.0
Heptadecane	15.198	43.4	ng	6181730	3	14.333	2850350	20.0
Nonadecane, 9-m...	16.062	92.6	ng	8719660	4	17.092	1883420	20.0
Octadecane	16.857	57.9	ng	5453600	4	17.092	1883420	20.0
Tridecane	16.904	28.8	ng	2714930	4	17.092	1883420	20.0
Nonadecane	17.598	50.5	ng	4751740	4	17.092	1883420	20.0
Hexadecanoic ac...	17.792	391.3	ng	36848300	4	17.092	1883420	20.0
n-Hexadecanoic ...	18.021	40.8	ng	3839670	4	17.092	1883420	20.0
Dodecane, 2-met...	18.292	46.4	ng	4364740	4	17.092	1883420	20.0
9,12-Octadecadi...	18.939	318.8	ng	30017900	4	17.092	1883420	20.0
Methyl stearate	19.109	220.5	ng	20761400	4	17.092	1883420	20.0
(9E,11E)-Octade...	19.156	54.8	ng	5157640	4	17.092	1883420	20.0
9-Octadecenoic ...	19.186	30.5	ng	2869020	4	17.092	1883420	20.0
Hexatriacontane	20.056	38.8	ng	3068140	5	21.291	1583460	20.0
11-Eicosenoic a...	20.086	33.7	ng	2667160	5	21.291	1583460	20.0
Methyl 18-methy...	20.198	38.7	ng	3063600	5	21.291	1583460	20.0
Heptacosane	20.556	21.9	ng	1730910	5	21.291	1583460	20.0
Docosanoic acid...	21.150	36.0	ng	2852650	5	21.291	1583460	20.0