LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-012521

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028559.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.575	400	406	417	rVB	184705	279307	13.11%	1.928%
2	7.245	682	690	702	rVB	159761	292336	13.73%	2.018%
3	7.992	811	817	824	rVB	153062	239387	11.24%	1.652%
4	9.169	1010	1017	1022	rBV	113708	186268	8.75%	1.286%
5	10.763	1282	1288	1290	rBV	20426	30568	1.44%	0.211%
6	10.810	1290	1296	1301	rVV	193822	321905	15.11%	2.222%
7	10.857	1301	1304	1310	rVB	20703	32077	1.51%	0.221%
8	12.210	1527	1534	1541	rBV	39212	62198	2.92%	0.429%
9	12.463	1573	1577	1585	rVB	38350	59667	2.80%	0.412%
10	12.686	1607	1615	1624	rBV2	37683	75468	3.54%	0.521%
11	13.157	1691	1695	1704	rVB2	17302	28145	1.32%	0.194%
12	13.257	1706	1712	1720	rVB	259107	379312	17.81%	2.618%
13	13.445	1733	1744	1753	rBV2	58559	100659	4.73%	0.695%
14	13.798	1799	1804	1806	rBV3	27208	41171	1.93%	0.284%
15	13.963	1825	1832	1836	rBV2	48759	87711	4.12%	0.605%
16	14.010	1836	1840	1845	rVV	34792	48651	2.28%	0.336%
17	14.092	1848	1854	1859	rVB3	26555	53164	2.50%	0.367%
18	14.192	1867	1871	1874	rBV	21004	29677	1.39%	0.205%
19	14.363	1895	1900	1910	rVB	28337	45446	2.13%	0.314%
20	14.515	1922	1926	1935	rBV	59862	79529	3.73%	0.549%
21	14.639	1935	1947	1953	rVV2	251309	396398	18.61%	2.736%
22	14.704	1953	1958	1964	rVB2	27677	48479	2.28%	0.335%
23	14.845	1976	1982	1989	rVB3	12878	30314	1.42%	0.209%
24	15.027	2008	2013	2018	rVB	33170	51263	2.41%	0.354%
25	15.110	2022	2027	2029	rBV	22284	30549	1.43%	0.211%
26	15.251	2045	2051	2055	rBV3	17171	31110	1.46%	0.215%
27	15.298	2055	2059	2064	rVB	17500	26751	1.26%	0.185%
28	15.415	2073	2079	2083	rBV2	11442	24846	1.17%	0.171%
29	15.462	2083	2087	2092	rVB2	57564	73408	3.45%	0.507%
30	15.680	2118	2124	2134	rVB	61900	109353	5.13%	0.755%
31	15.845	2147	2152	2154	rBV4	14928	23821	1.12%	0.164%
32	15.962	2168	2172	2178	rVB2	17634	29154	1.37%	0.201%
33	16.127	2195	2200	2206	rBV2	147667	222579	10.45%	1.536%
34	16.321	2228	2233	2235	rBV	52975	71039	3.34%	0.490%
35	16.674	2286	2293	2297	rBV3	31212	70129	3.29%	0.484%
36	16.721	2297	2301	2307	rBV5	22294	37040	1.74%	0.256%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-012521

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.821	2307	2318	2323	rBV3	50504	162434	7.63%	1.121%
38	17.027	2349	2353	2358	rVB4	17394	27139	1.27%	0.187%
39	17.104	2362	2366	2370	rVV2	50104	70929	3.33%	0.490%
40	17.156	2372	2375	2377	rVV	21369	30686	1.44%	0.212%
41	17.186	2377	2380	2388	rVB	38216	60116	2.82%	0.415%
42	17.368	2405	2411	2414	rBV	261970	376849	17.69%	2.601%
43	17.409	2414	2418	2424	rVV	388788	524051	24.61%	3.617%
44	17.498	2428	2433	2438	rVV	109995	144303	6.78%	0.996%
45	17.609	2448	2452	2454	rBV2	17210	29282	1.37%	0.202%
46	17.774	2476	2480	2485	rVB	17973	26064	1.22%	0.180%
47	17.839	2488	2491	2495	rVV	37405	43527	2.04%	0.300%
48	17.886	2495	2499	2504	rVB2	87836	111863	5.25%	0.772%
49	17.939	2504	2508	2514	rVB	28698	48332	2.27%	0.334%
50	18.015	2516	2521	2527	rVB	693579	826334	38.80%	5.703%
51	18.086	2529	2533	2540	rBV	15155	25964	1.22%	0.179%
52	18.233	2553	2558	2563	rBV	102811	195863	9.20%	1.352%
53	18.280	2563	2566	2572	rVV	132147	183606	8.62%	1.267%
54	18.362	2576	2580	2585	rVB	42762	59917	2.81%	0.414%
55	18.427	2585	2591	2595	rBV2	98489	195020	9.16%	1.346%
56	18.462	2595	2597	2603	rVB	62236	74508	3.50%	0.514%
57	18.527	2604	2608	2612	rBV	38401	49064	2.30%	0.339%
58	18.727	2639	2642	2646	rVB	41054	47678	2.24%	0.329%
59	18.774	2648	2650	2655	rVB3	23308	29325	1.38%	0.202%
60	18.968	2681	2683	2689	rVB3	20525	26440	1.24%	0.182%
61	19.021	2689	2692	2695	rVV	31209	37132	1.74%	0.256%
62	19.056	2696	2698	2703	rVB	23432	27083	1.27%	0.187%
63	19.150	2708	2714	2716	rBV2	1335638	1666063	78.23%	11.499%
64	19.180	2716	2719	2731	rVB	1644617	2129777	100.00%	14.699%
65	19.309	2737	2741	2747	rVB	291722	332385	15.61%	2.294%
66	19.403	2749	2757	2764	rBV	436651	669408	31.43%	4.620%
67	19.733	2809	2813	2814	rBV2	74409	97794	4.59%	0.675%
68	19.762	2814	2818	2826	rVB	387575	569110	26.72%	3.928%
69	19.956	2847	2851	2855	rVB	345023	404043	18.97%	2.789%
70	20.250	2898	2901	2905	rVB2	81314	94969	4.46%	0.655%
71	20.350	2915	2918	2921	rBV	50267	57943	2.72%	0.400%
72	20.544	2949	2951	2955	rBV	38968	49439	2.32%	0.341%
73	21.497	3107	3113	3117	rBV2	374205	719577	33.79%	4.966%
74	21.533	3117	3119	3125	rVB	185124	222343	10.44%	1.535%
75	23.774	3496	3500	3506	rVB2	179506	293871	13.80%	2.028%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-02-012521

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

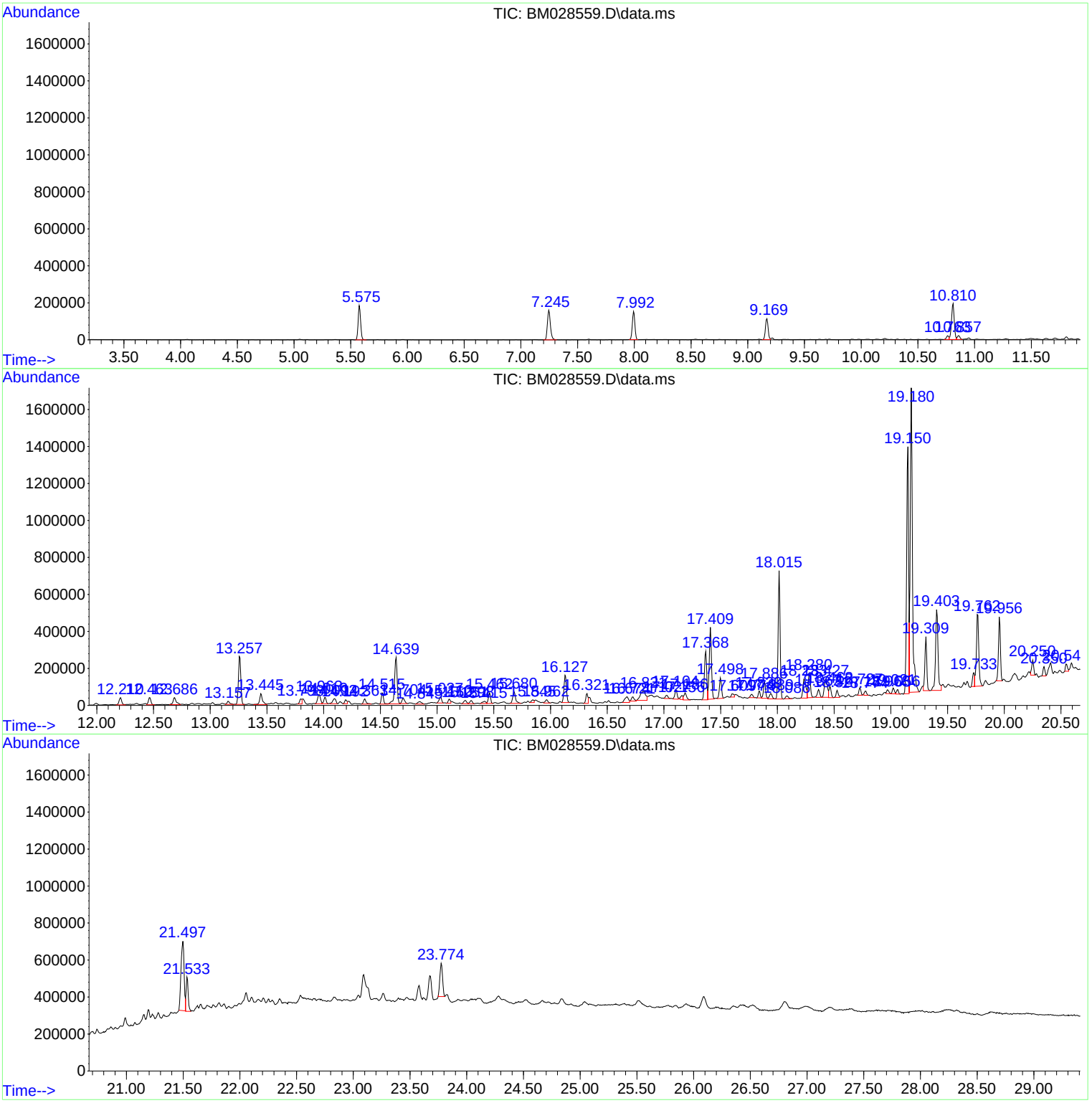
Sum of corrected areas: 14489110

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

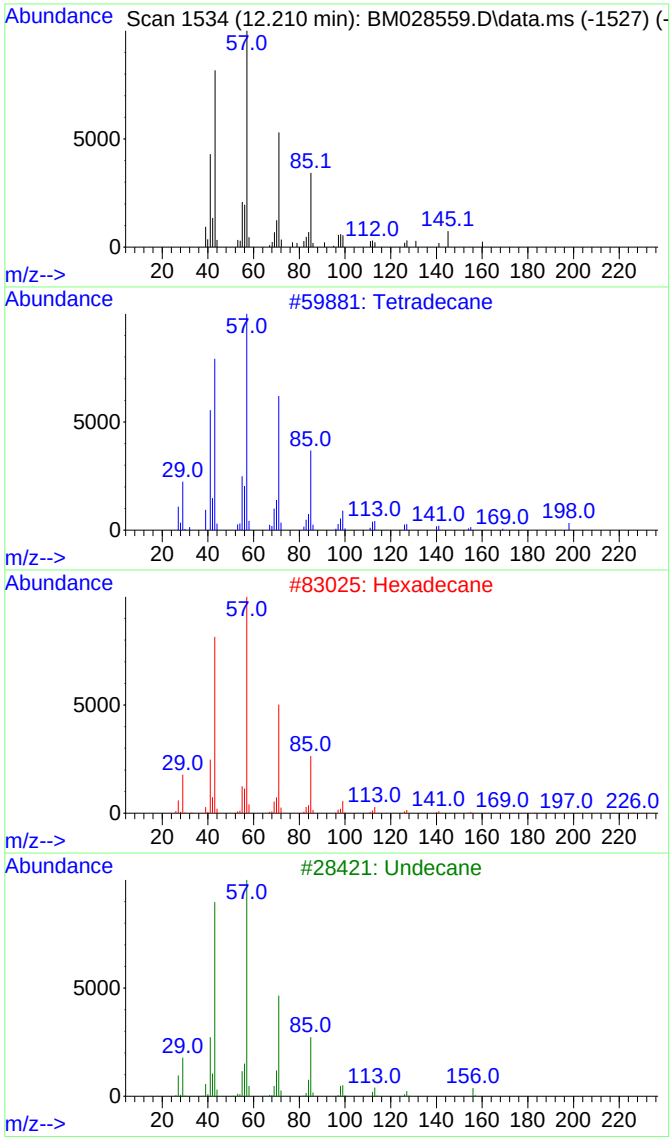
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

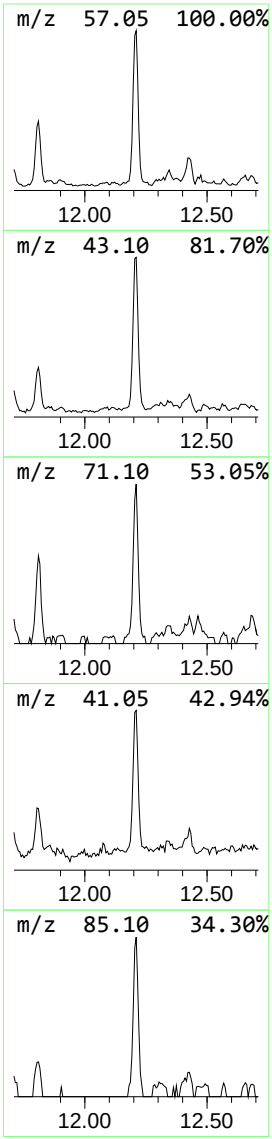
****

Peak Number 1 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	3.86 ng	62198	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Undecane	156	C11H24	001120-21-4	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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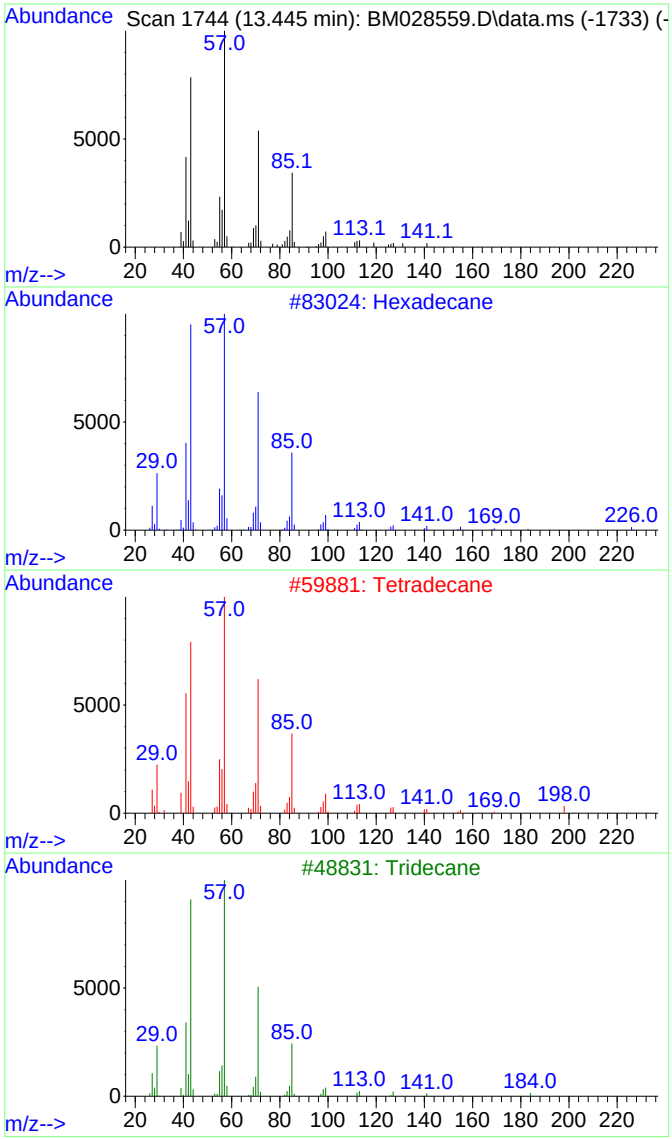
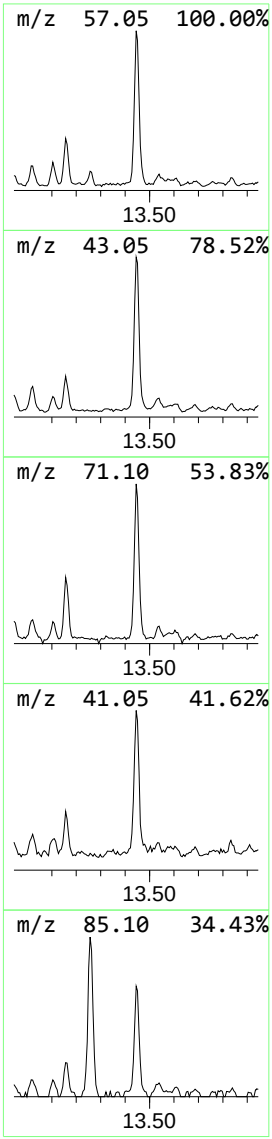
Peak Number 2 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	5.08 ng	100659	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	78
4	Pentadecane	212	C15H32	000629-62-9	78
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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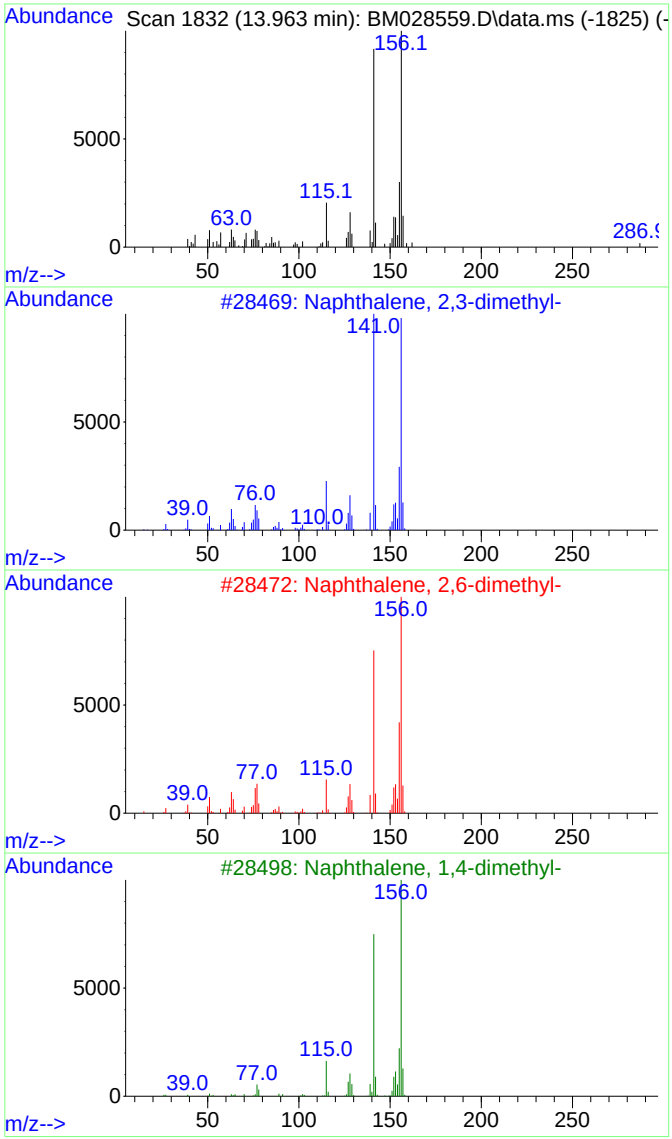
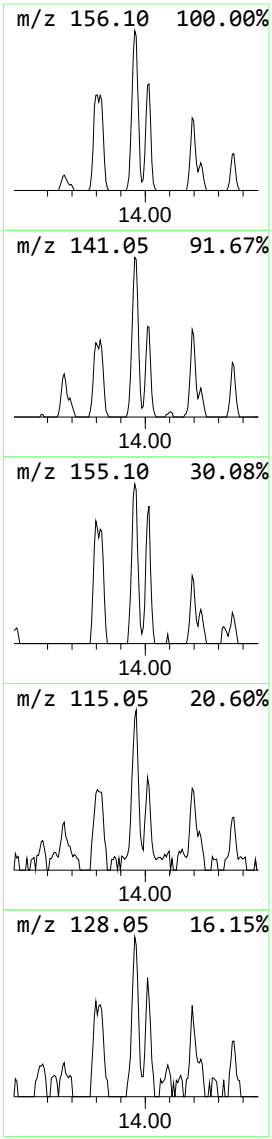
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	4.43 ng	87711	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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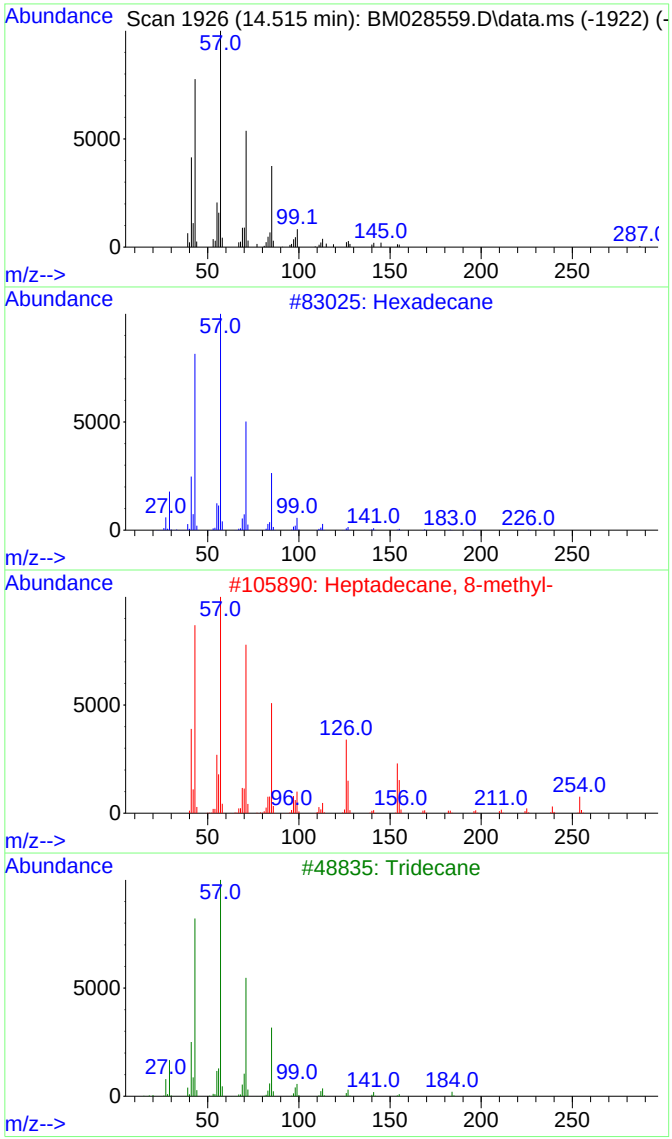
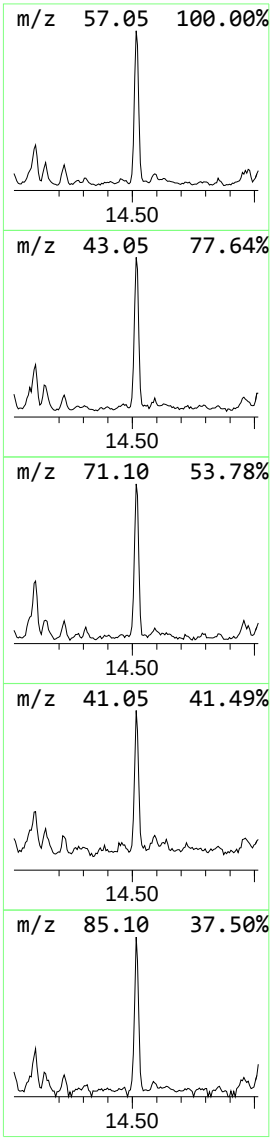
Peak Number 4 Heptadecane, 8-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.515	4.01 ng	79529	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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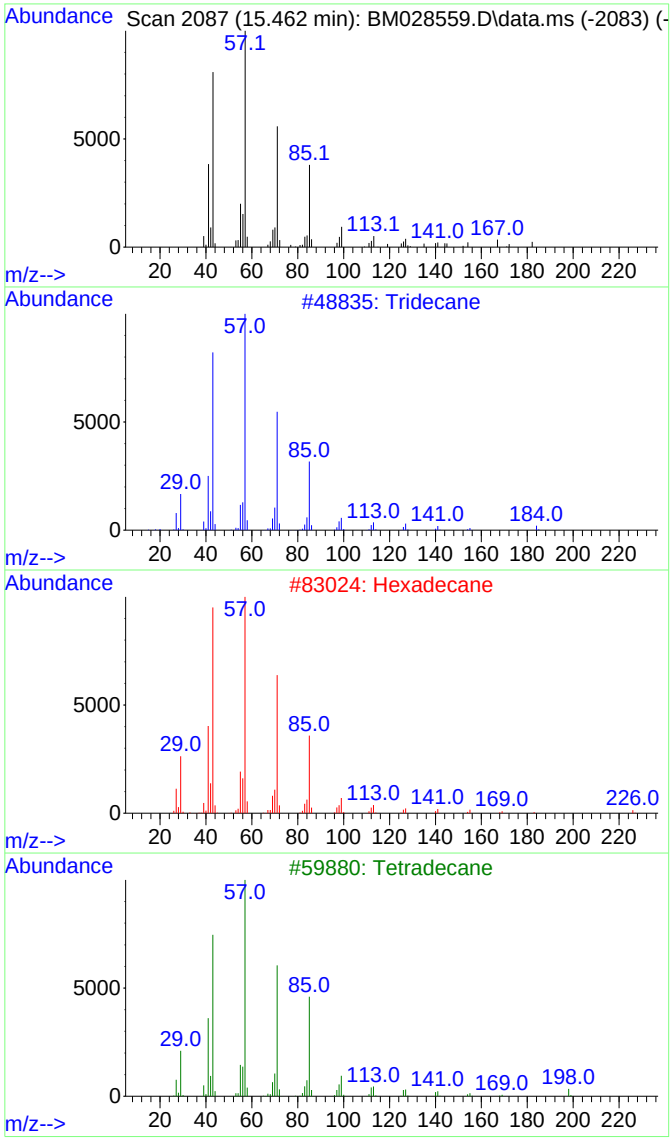
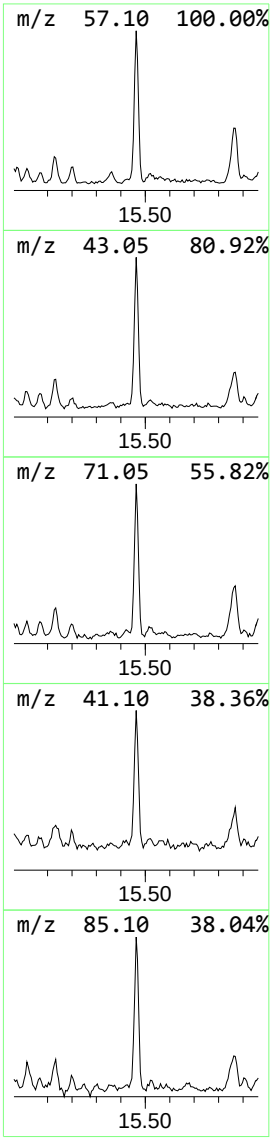
Peak Number 5 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	3.70 ng	73408	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-02-012521

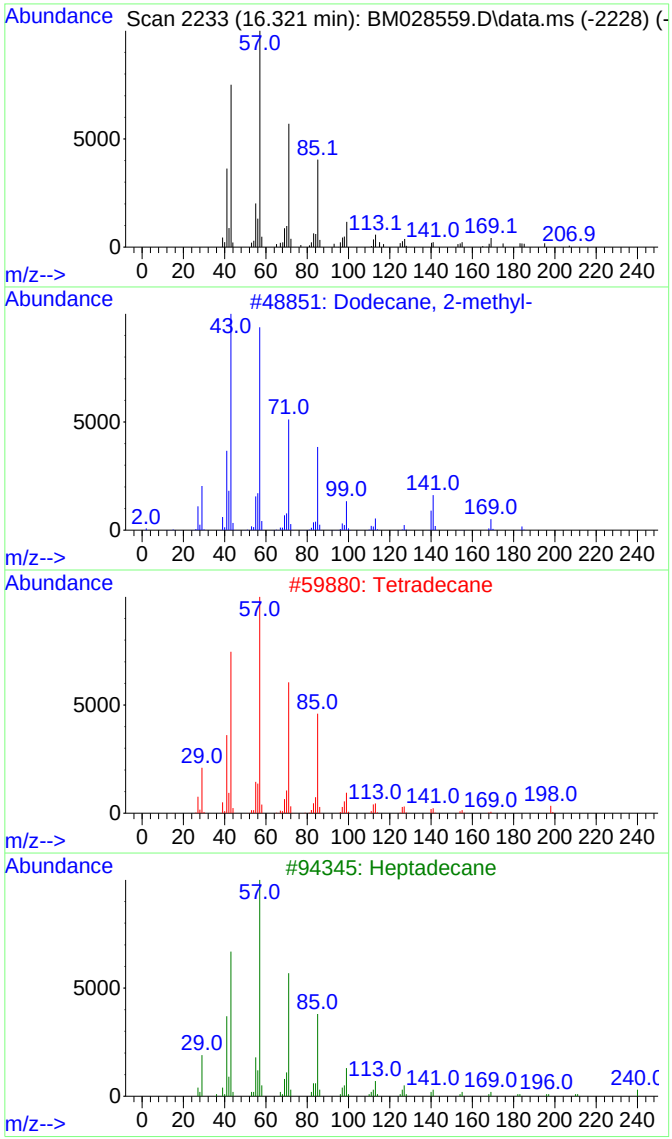
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

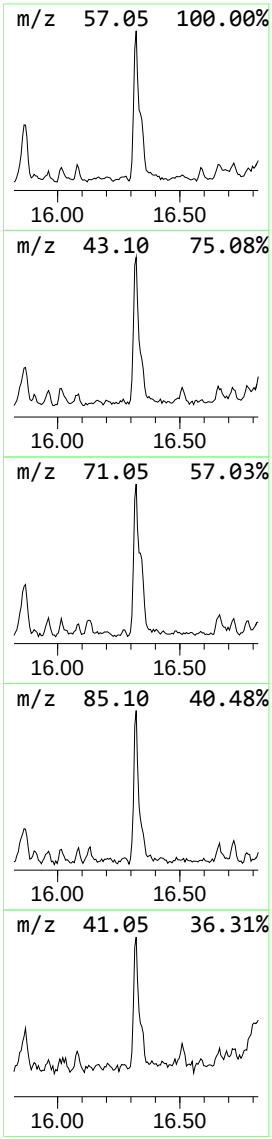
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dodecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.321	3.77 ng	71039	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

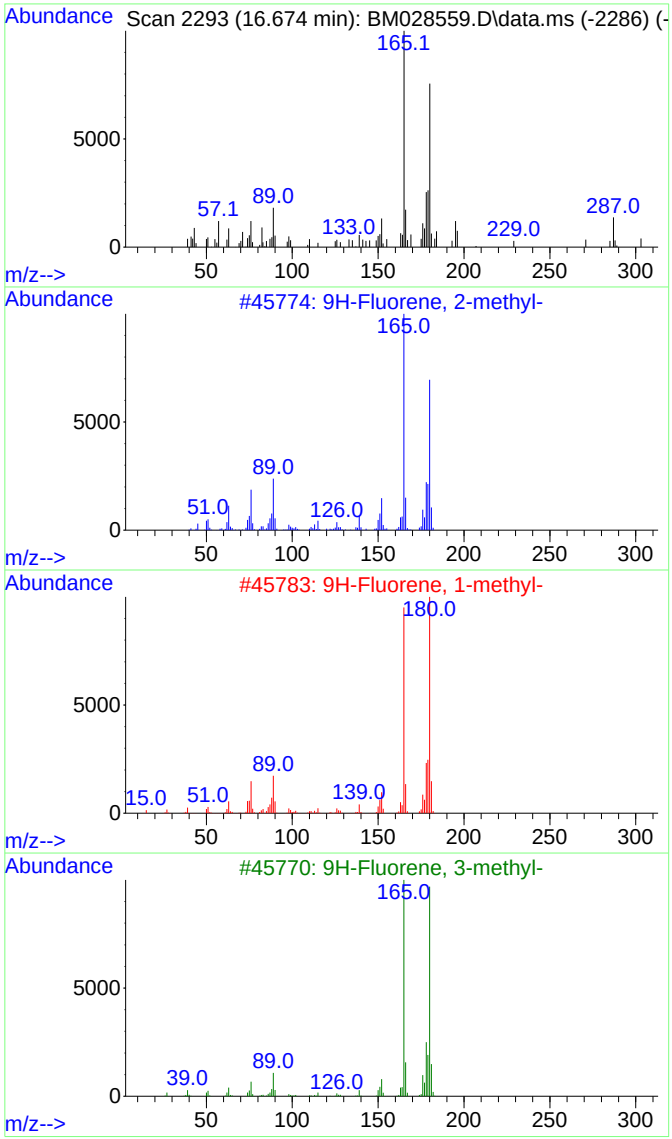
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

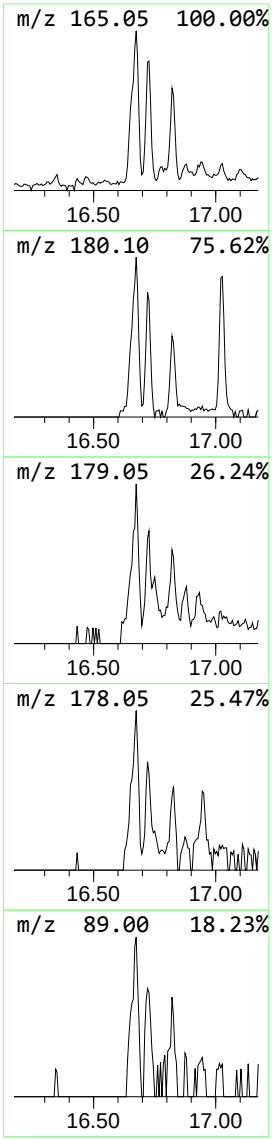
****

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.674	3.72 ng	70129	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70





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Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
EO-02-012521

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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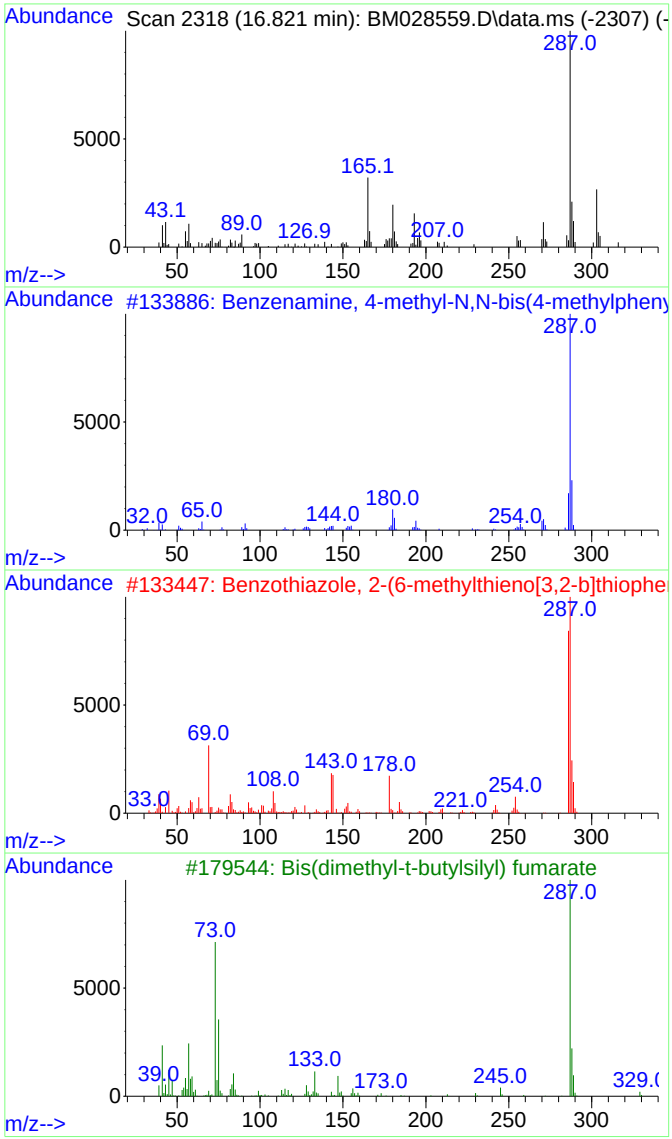
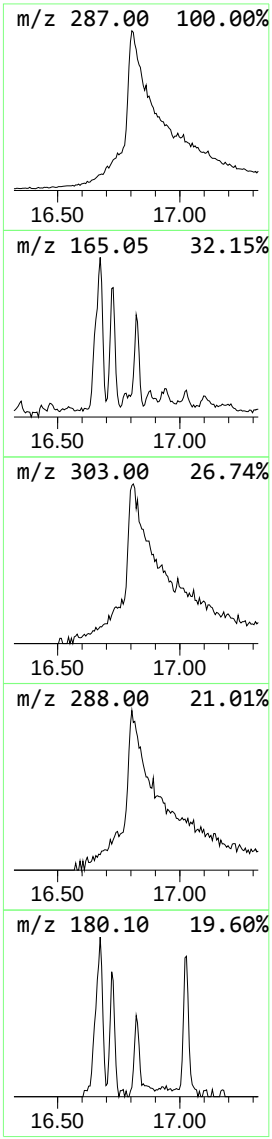
Peak Number 8 unknown16.821 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.821	8.62 ng	162434	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-methyl-N,N-bis(4-...	287	C21H21N	1000327-28-1	47
2	Benzothiazole, 2-(6-methylthieno...	287	C14H9NS3	1000276-71-2	43
3	Bis(dimethyl-t-butylsilyl) fumarate	344	C16H32O4Si2	099461-81-1	43
4	bis[tert-Butyl(dimethyl)silyl]-b...	344	C16H32O4Si2	1000332-85-4	43
5	Thiophene-2-thiocarboxamide, 5-t...	287	C12H8F3NS2	256508-61-9	43





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Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-012521

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

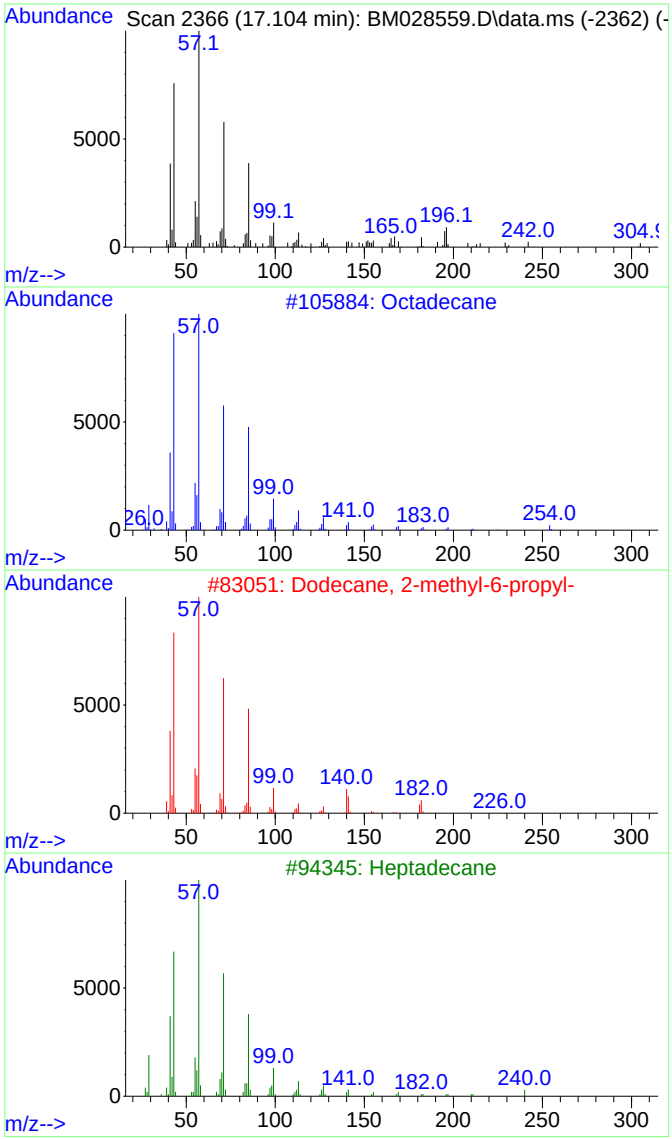
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

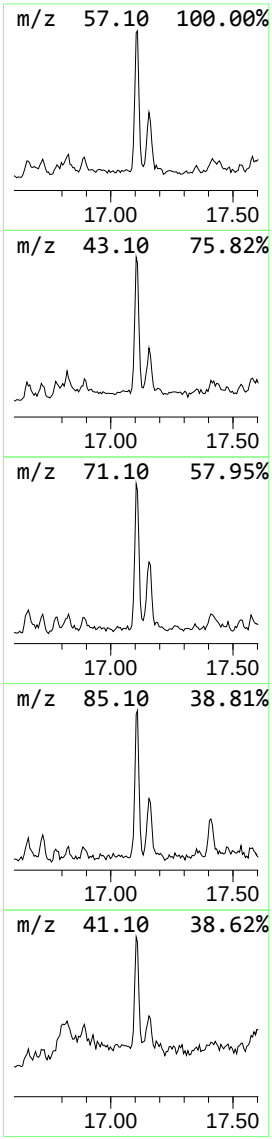
****

Peak Number 9 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	3.76 ng	70929	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	76
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3	Heptadecane	240	C17H36	000629-78-7	68
4	Pentadecane	212	C15H32	000629-62-9	68
5	Tetradecane	198	C14H30	000629-59-4	68





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ClientSampleId :
EO-02-012521

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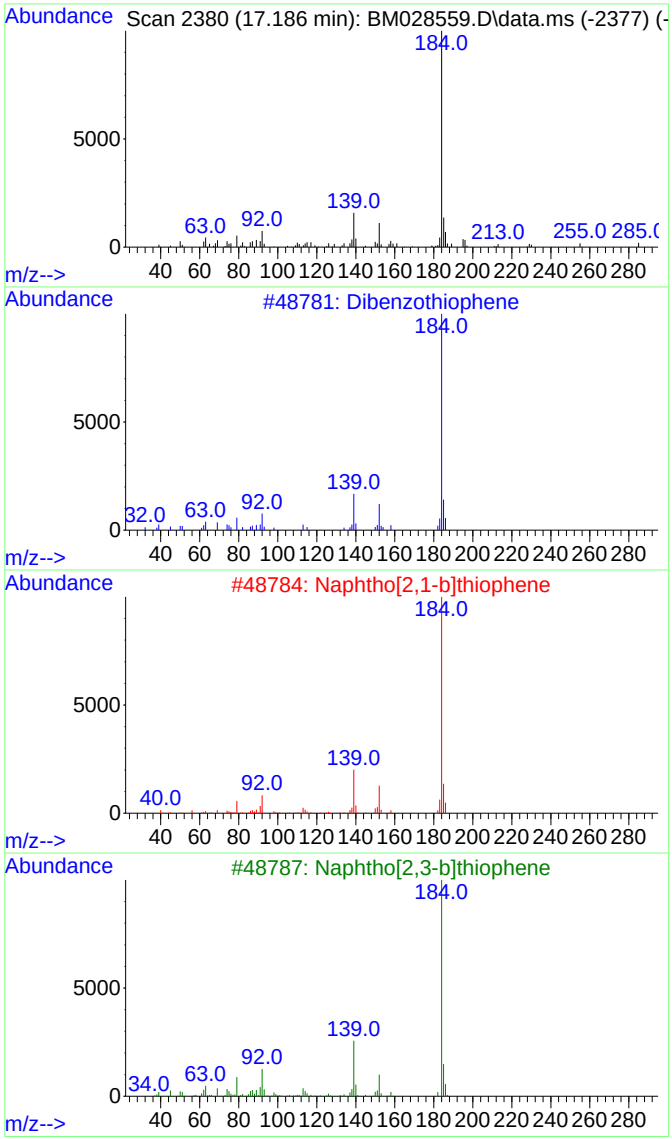
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

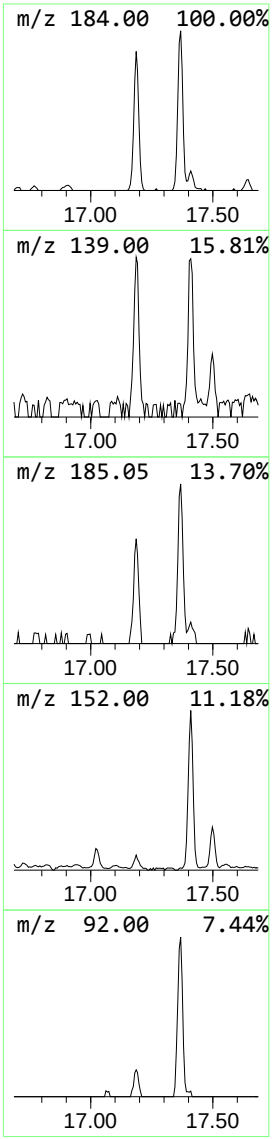
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	3.19 ng	60116	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	74





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Misc :
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ClientSampleId : EO-02-012521

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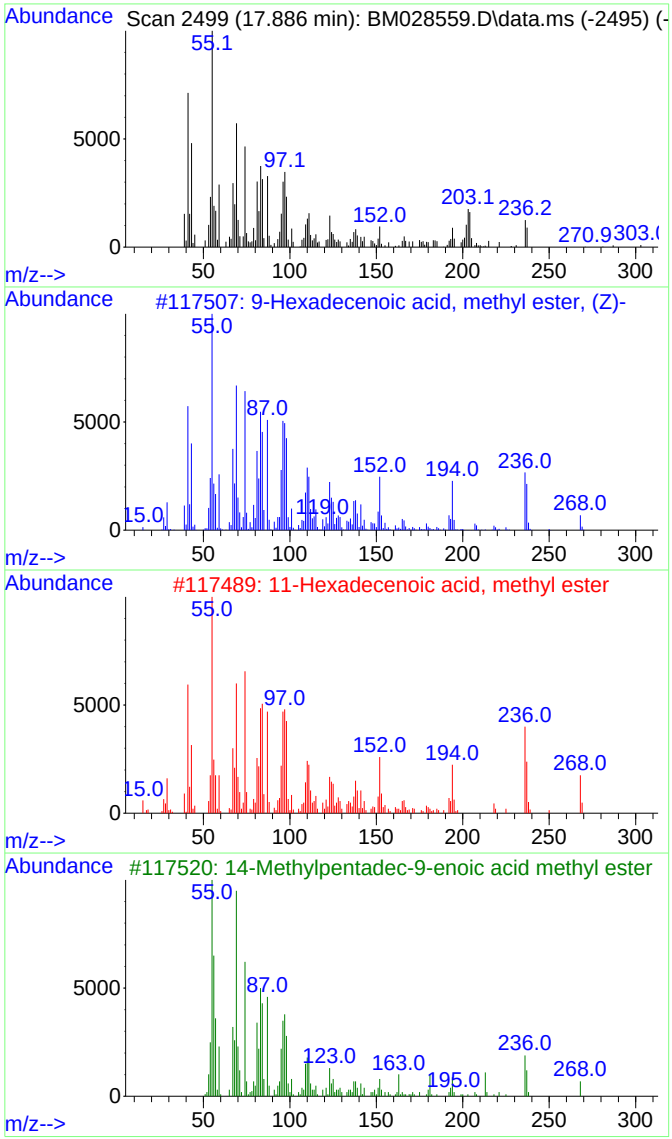
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

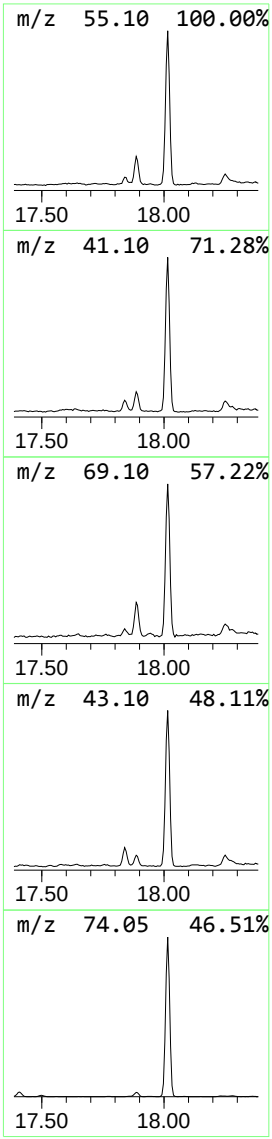
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9-Hexadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	5.94 ng	111863	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	91
2	11-Hexadecenoic acid, methyl ester	268	C17H32O2	055000-42-5	87
3	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	87
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	87
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	80





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-012521

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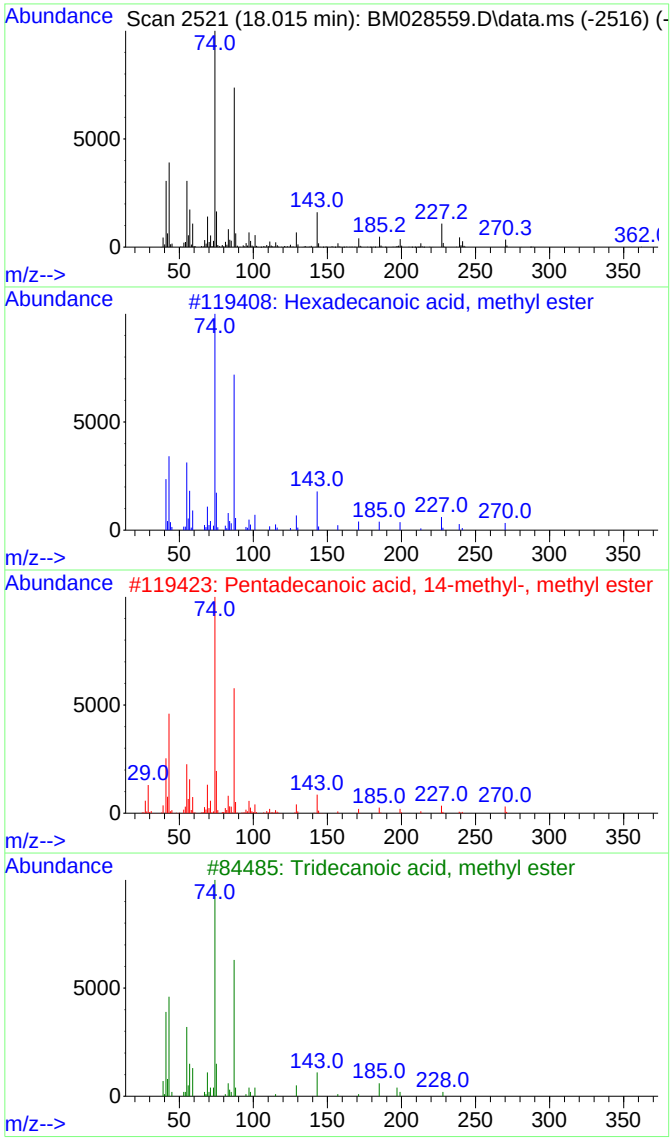
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

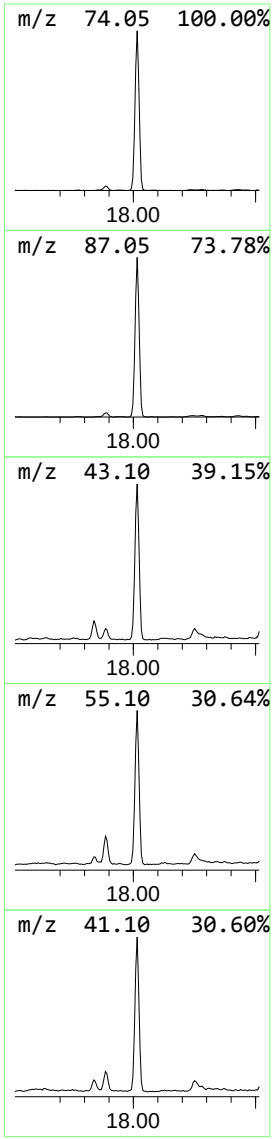
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	43.85 ng	826334	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-012521

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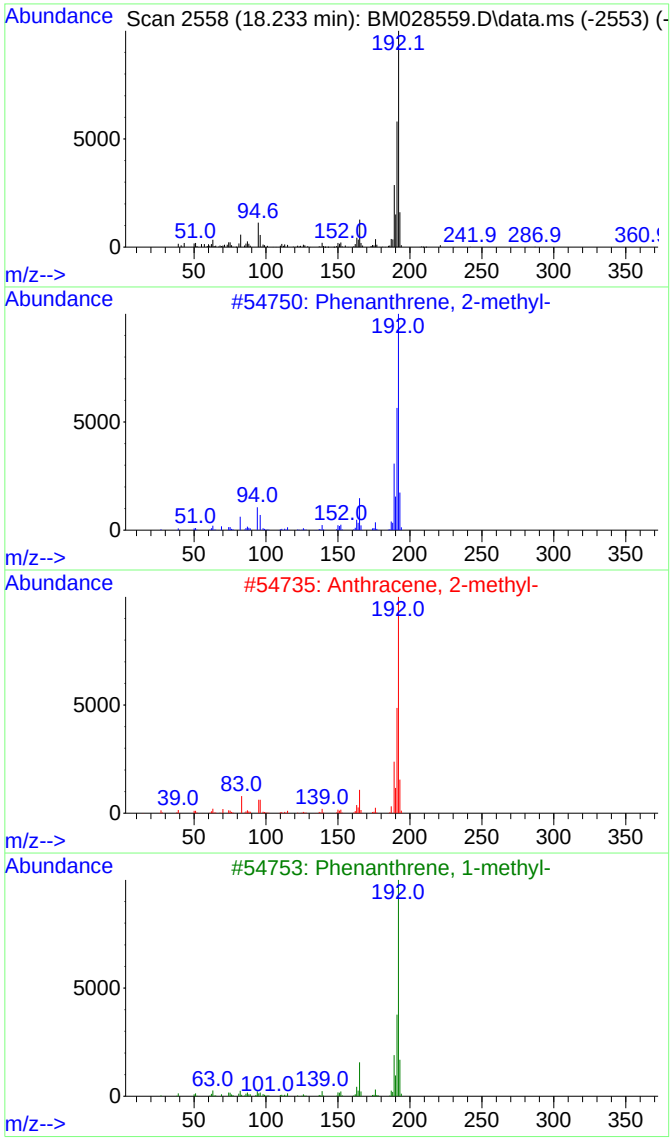
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

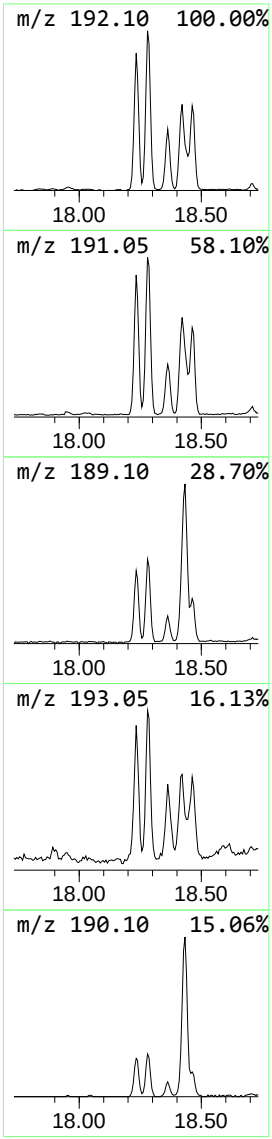
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	10.39 ng	195863	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

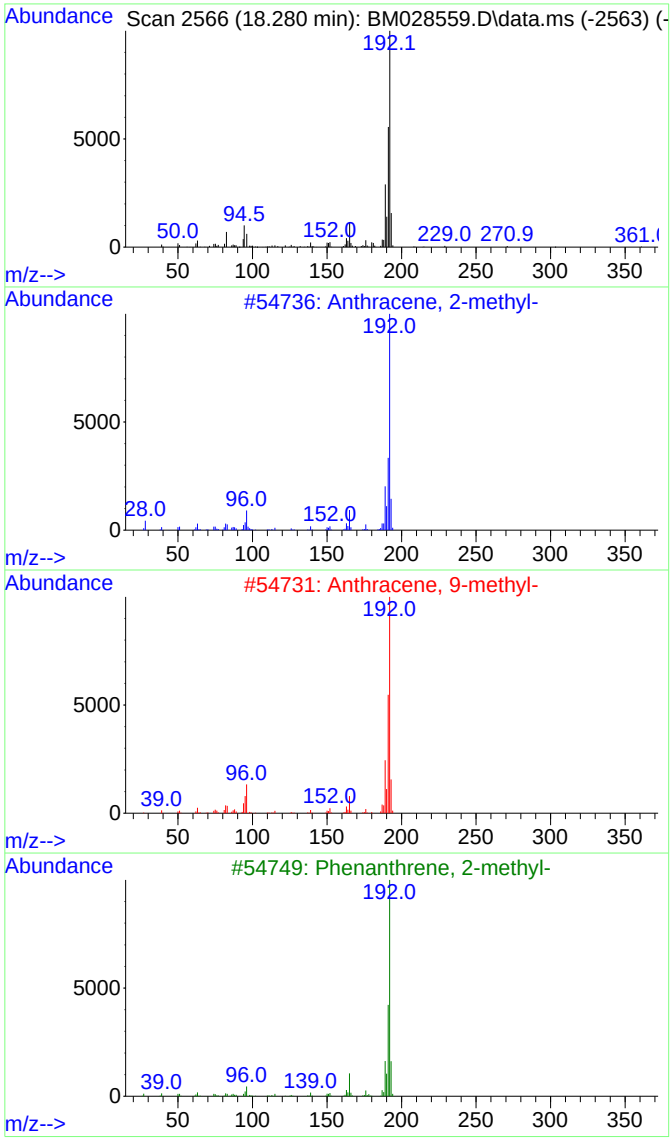
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

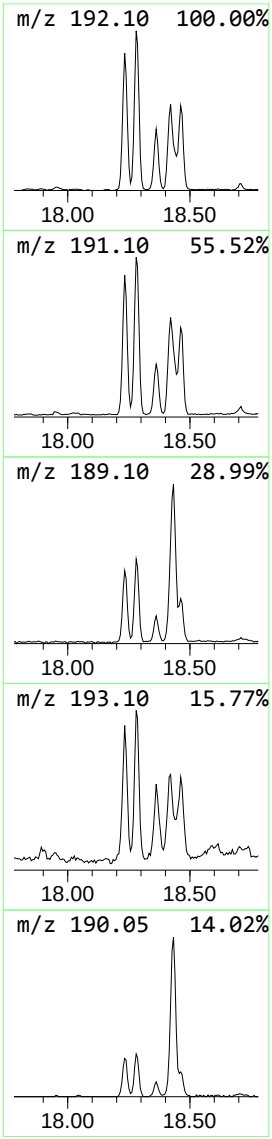
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	9.74 ng	183606	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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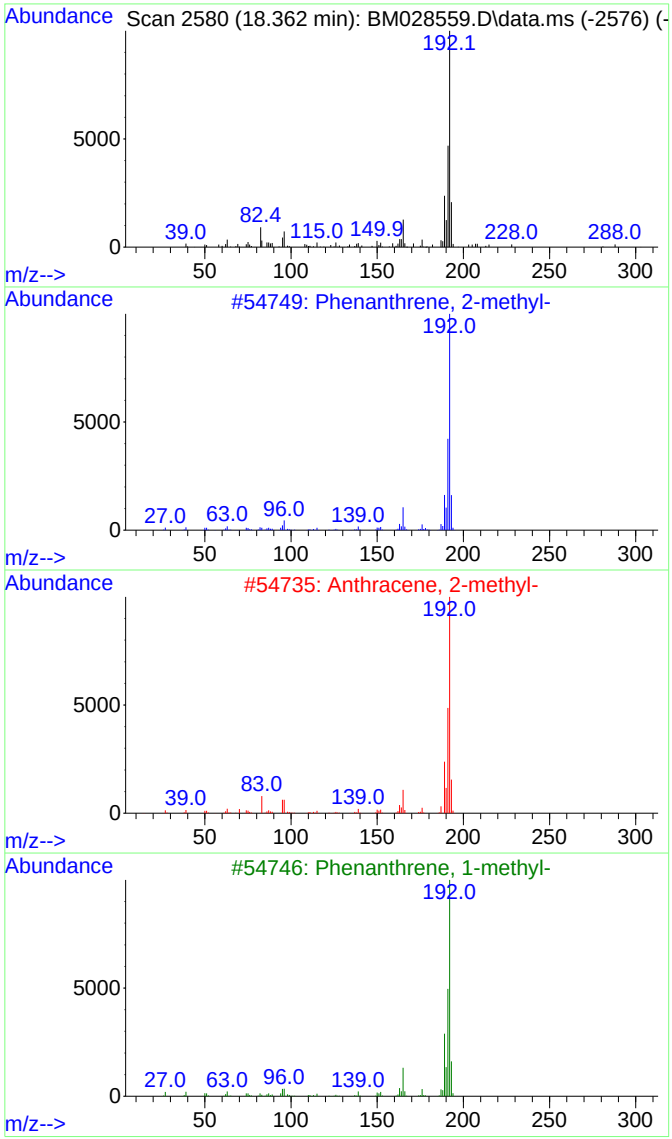
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

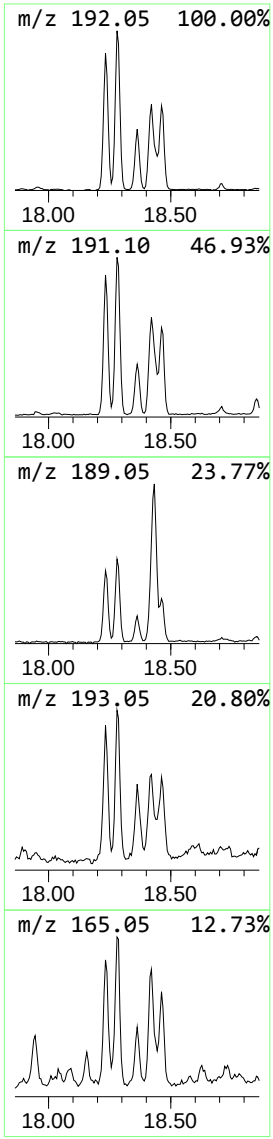
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.362	3.18 ng	59917	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Instrument : BNA_M
ClientSampleId : EO-02-012521

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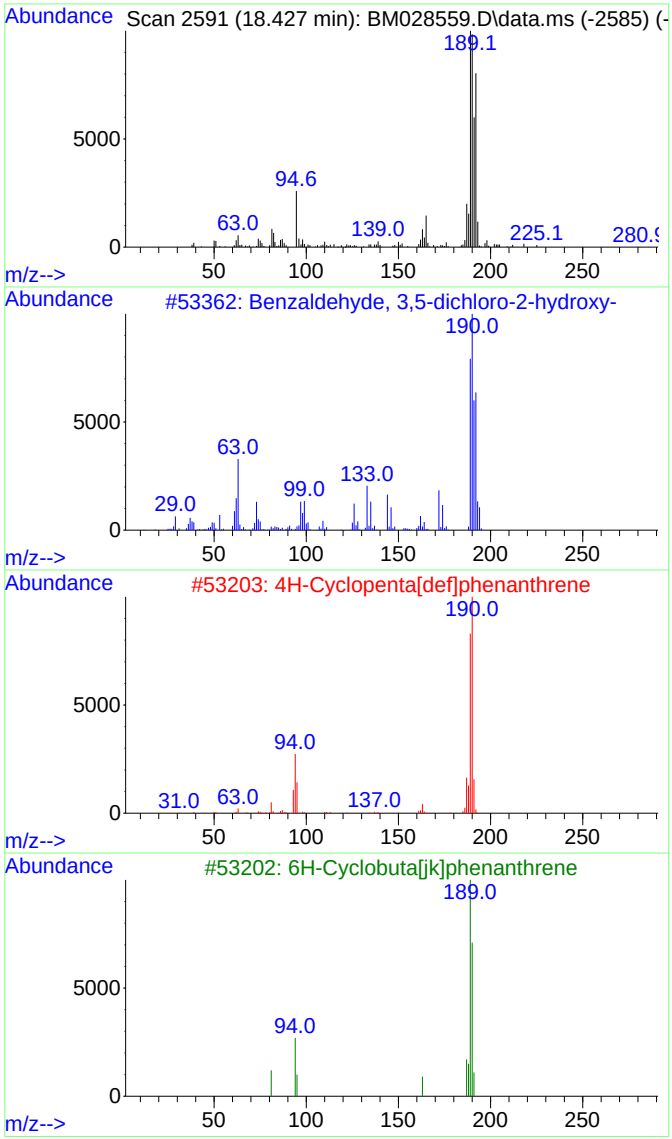
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

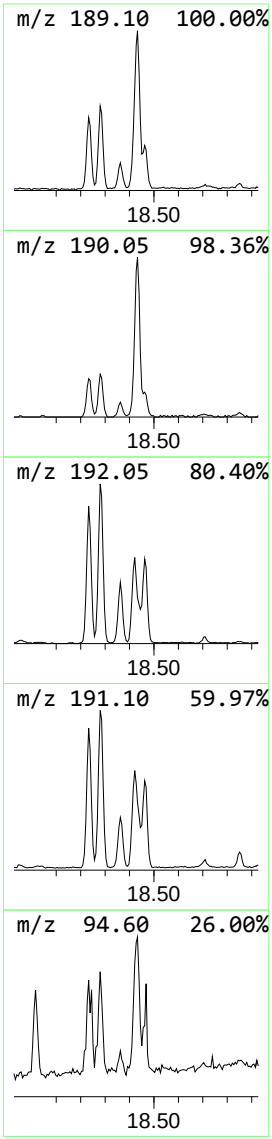
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	10.35 ng	195020	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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ALS Vial : 15 Sample Multiplier: 1

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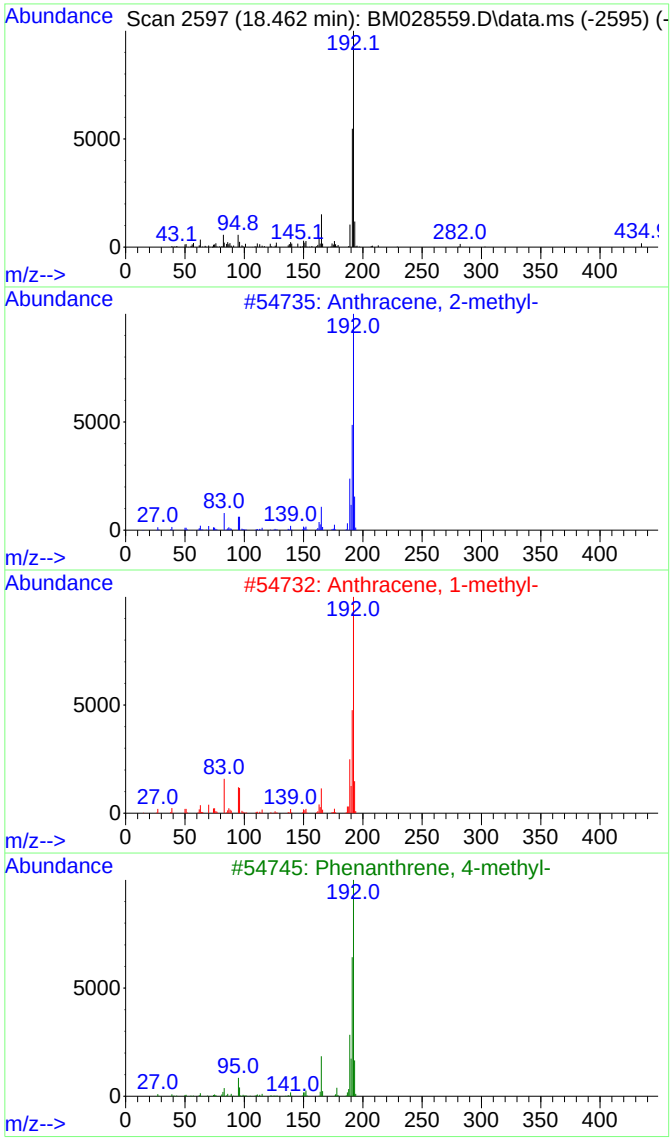
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

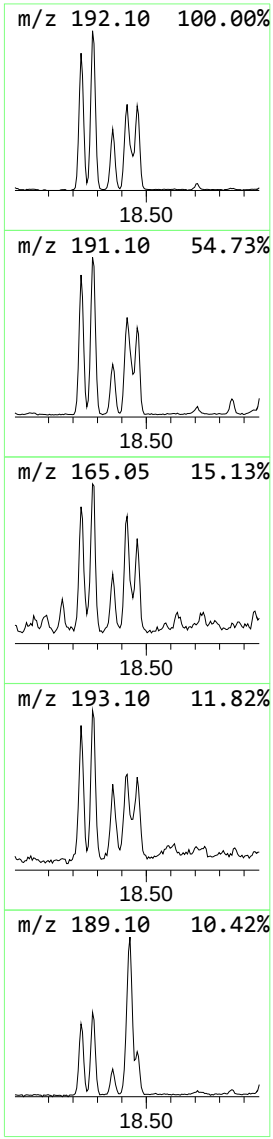
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.462	3.95 ng	74508	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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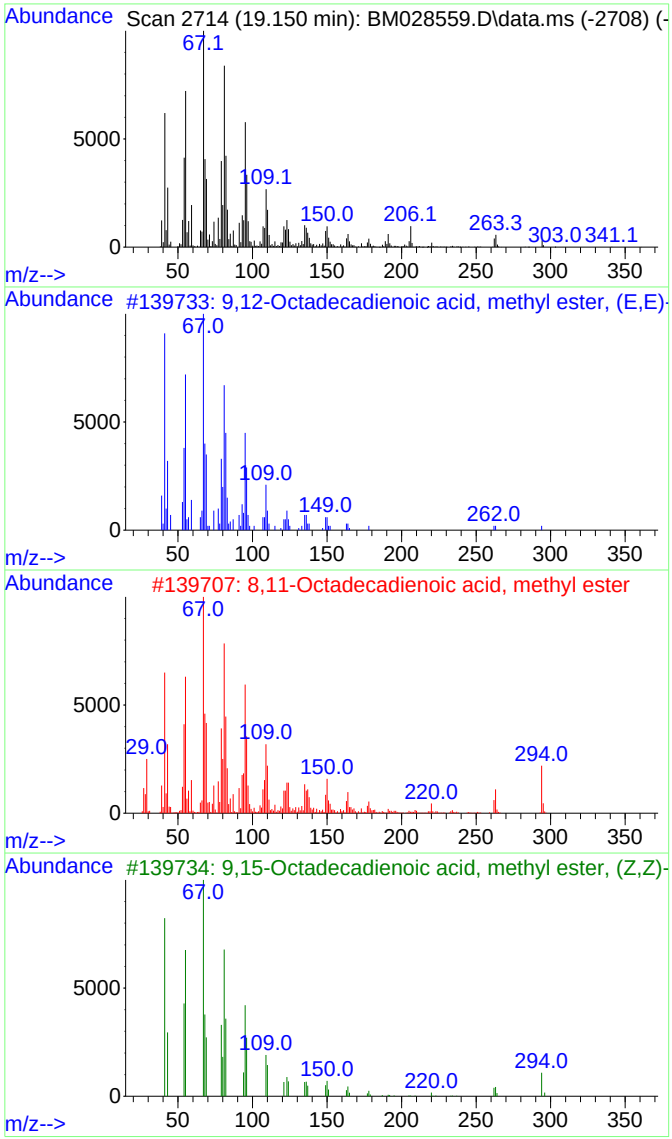
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

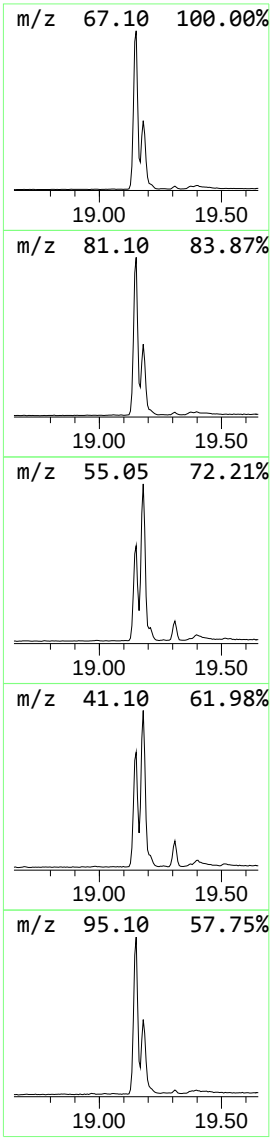
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.150	88.42 ng	1666060	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-02-012521

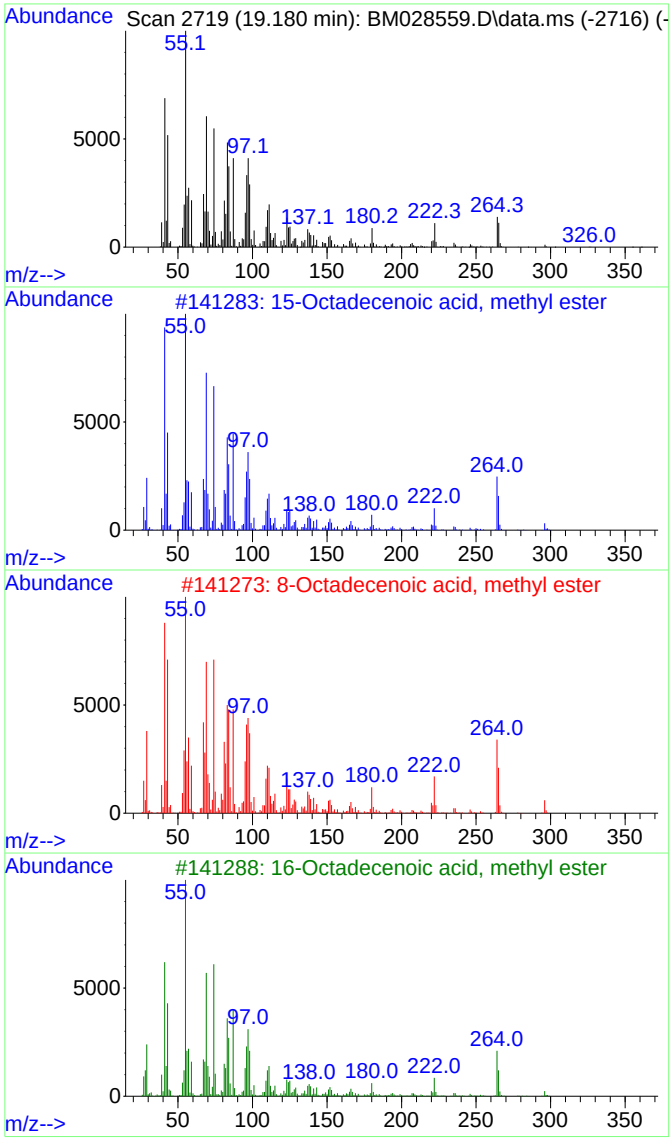
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

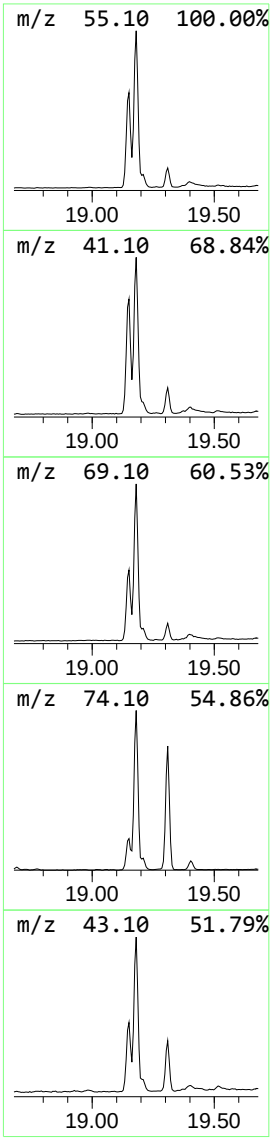
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	113.03 ng	2129780	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

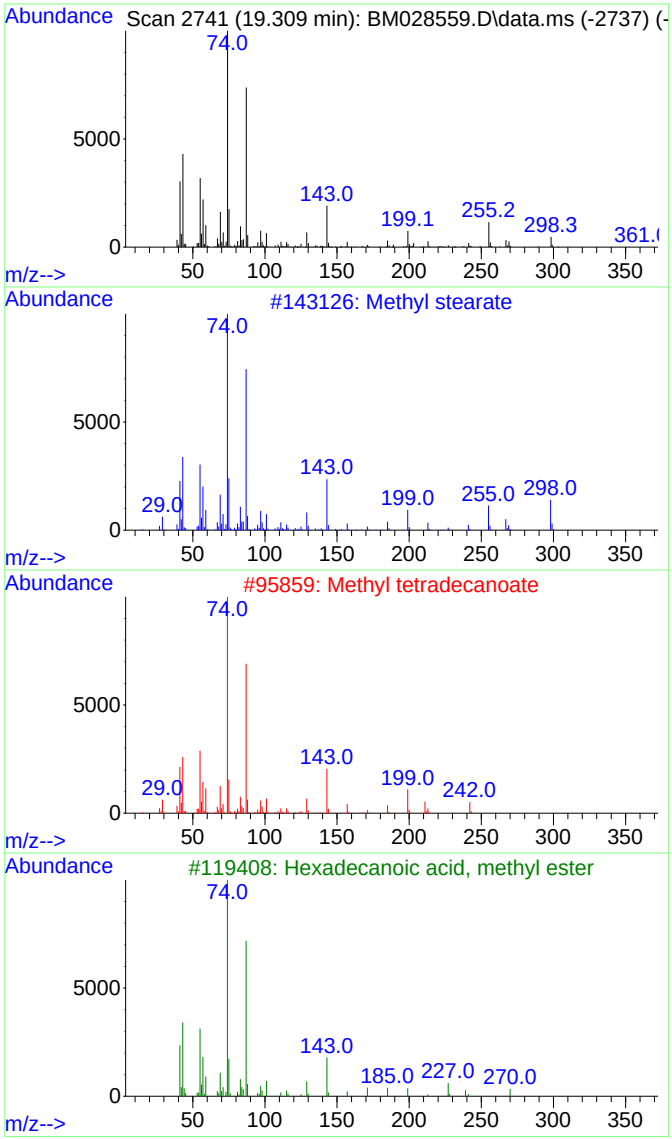
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

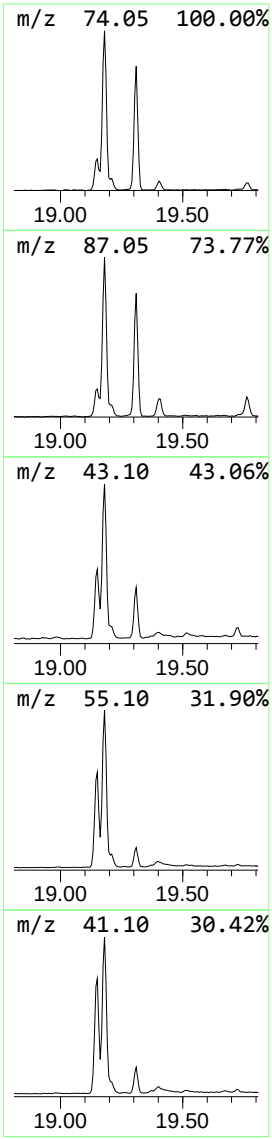
****

Peak Number 20 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.309	17.64 ng	332385	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028559.D
Acq On : 27 Jan 2021 02:12
Operator : CG/JU
Sample : M1231-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-02-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetradecane	12.210	3.9	ng	62198	2	10.810	321905	20.0
Hexadecane	13.445	5.1	ng	100659	3	14.639	396398	20.0
Naphthalene, 2,...	13.963	4.4	ng	87711	3	14.639	396398	20.0
Heptadecane, 8-...	14.515	4.0	ng	79529	3	14.639	396398	20.0
Tridecane	15.462	3.7	ng	73408	3	14.639	396398	20.0
Dodecane, 2-met...	16.321	3.8	ng	71039	4	17.368	376849	20.0
9H-Fluorene, 2-...	16.674	3.7	ng	70129	4	17.368	376849	20.0
unknown16.821	16.821	8.6	ng	162434	4	17.368	376849	20.0
Octadecane	17.104	3.8	ng	70929	4	17.368	376849	20.0
Dibenzothiophene	17.186	3.2	ng	60116	4	17.368	376849	20.0
9-Hexadecenoic ...	17.886	5.9	ng	111863	4	17.368	376849	20.0
Hexadecanoic ac...	18.015	43.9	ng	826334	4	17.368	376849	20.0
Phenanthrene, 2...	18.233	10.4	ng	195863	4	17.368	376849	20.0
Anthracene, 2-m...	18.280	9.7	ng	183606	4	17.368	376849	20.0
Phenanthrene, 1...	18.362	3.2	ng	59917	4	17.368	376849	20.0
Benzaldehyde, 3...	18.427	10.4	ng	195020	4	17.368	376849	20.0
Anthracene, 1-m...	18.462	4.0	ng	74508	4	17.368	376849	20.0
9,12-Octadecadi...	19.150	88.4	ng	1666060	4	17.368	376849	20.0
15-Octadecenoic...	19.180	113.0	ng	2129780	4	17.368	376849	20.0
Methyl stearate	19.309	17.6	ng	332385	4	17.368	376849	20.0