LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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: BM028575.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.522	391	397	411	rVB	448402	682083	27.38%	1.629%
2	7.169	671	677	688	rVB	426868	691283	27.75%	1.651%
3	7.969	807	813	818	rVB	92037	141366	5.67%	0.338%
4	9.145	1006	1013	1017	rBV	262584	442314	17.75%	1.056%
5	9.187	1017	1020	1031	rVB	50412	75816	3.04%	0.181%
6	10.286	1202	1207	1214	rBV	32096	54083	2.17%	0.129%
7	10.739	1278	1284	1286	rBV	43074	64017	2.57%	0.153%
8	10.781	1286	1291	1297	rVB	123496	203689	8.18%	0.486%
9	11.833	1465	1470	1483	rVB	96911	161143	6.47%	0.385%
10	12.204	1526	1533	1540	rVB	98220	162959	6.54%	0.389%
11	12.316	1547	1552	1559	rVB2	63297	100337	4.03%	0.240%
12	12.428	1568	1571	1573	rVV	52604	79870	3.21%	0.191%
13	12.463	1573	1577	1582	rVB	191593	270949	10.88%	0.647%
14	13.239	1698	1709	1717	rVB	662316	955104	38.34%	2.281%
15	13.422	1737	1740	1748	rVB2	33454	52603	2.11%	0.126%
16	13.504	1749	1754	1760	rBV	113362	177942	7.14%	0.425%
17	13.922	1815	1825	1834	rBV9	30167	119035	4.78%	0.284%
18	14.033	1839	1844	1847	rBV3	35219	63209	2.54%	0.151%
19	14.069	1847	1850	1856	rVV	43464	64063	2.57%	0.153%
20	14.257	1875	1882	1888	rVB5	29774	70942	2.85%	0.169%
21	14.351	1891	1898	1900	rBV3	70443	122800	4.93%	0.293%
22	14.380	1900	1903	1908	rVV	223246	288238	11.57%	0.688%
23	14.433	1908	1912	1917	rVB2	35004	52426	2.10%	0.125%
24	14.616	1938	1943	1947	rVV	203186	300887	12.08%	0.718%
25	14.674	1948	1953	1958	rVB	160696	220392	8.85%	0.526%
26	14.769	1965	1969	1972	rBV	43345	53150	2.13%	0.127%
27	14.833	1976	1980	1990	rVB	536907	759914	30.50%	1.815%
28	14.939	1992	1998	2002	rBV	91358	145059	5.82%	0.346%
29	15.027	2009	2013	2020	rVB3	41424	66736	2.68%	0.159%
30	15.227	2042	2047	2051	rBV	67259	95490	3.83%	0.228%
31	15.945	2165	2169	2173	rBV	41467	53405	2.14%	0.128%
32	16.098	2190	2195	2201	rBV	478576	681381	27.35%	1.627%
33	16.315	2226	2232	2236	rBV	394274	539762	21.66%	1.289%
34	16.557	2266	2273	2280	rVB	265650	343068	13.77%	0.819%
35	16.627	2280	2285	2287	rBV	56011	84408	3.39%	0.202%
36	16.663	2287	2291	2296	rVV	990540	1270095	50.98%	3.033%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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	16.751	2300	2306	2308	rVV	65337	111573	4.48%	0.266%
38	16.780	2308	2311	2315	rVV	88081	131140	5.26%	0.313%
39	16.845	2318	2322	2326	rVV	59602	100755	4.04%	0.241%
40	16.939	2335	2338	2342	rVV2	48264	72602	2.91%	0.173%
41	16.992	2342	2347	2350	rVV	84184	133176	5.35%	0.318%
42	17.021	2350	2352	2356	rVV	46762	51605	2.07%	0.123%
43	17.086	2360	2363	2367	rVV	41380	54971	2.21%	0.131%
44	17.139	2368	2372	2381	rVB	48449	82370	3.31%	0.197%
45	17.345	2402	2407	2412	rBV	212237	288701	11.59%	0.689%
46	17.610	2448	2452	2460	rBV	55663	77501	3.11%	0.185%
47	17.921	2500	2505	2511	rBV	450046	595538	23.90%	1.422%
48	17.998	2514	2518	2526	rVB3	162768	224272	9.00%	0.536%
49	18.139	2537	2542	2546	rBV	258060	324724	13.03%	0.775%
50	18.215	2550	2555	2564	rVV2	1246440	1939828	77.86%	4.632%
51	18.386	2579	2584	2587	rBV4	42544	83933	3.37%	0.200%
52	18.421	2587	2590	2595	rVV4	38121	75489	3.03%	0.180%
53	18.468	2595	2598	2600	rVV	55277	70075	2.81%	0.167%
54	18.504	2600	2604	2613	rVB	159839	263413	10.57%	0.629%
55	19.033	2690	2694	2696	rBV	51337	63950	2.57%	0.153%
56	19.068	2696	2700	2708	rVB	364377	479313	19.24%	1.145%
57	19.133	2708	2711	2715	rBV	48206	55035	2.21%	0.131%
58	19.286	2733	2737	2743	rBV	455049	625287	25.10%	1.493%
59	19.474	2765	2769	2774	rBV3	347569	653355	26.22%	1.560%
60	19.527	2774	2778	2785	rVV	1408359	1936874	77.74%	4.625%
61	19.609	2789	2792	2796	rVV	76469	108268	4.35%	0.259%
62	19.651	2796	2799	2806	rVV4	85799	219762	8.82%	0.525%
63	19.709	2806	2809	2813	rVV2	146795	247743	9.94%	0.592%
64	19.751	2813	2816	2822	rVB2	195886	361585	14.51%	0.863%
65	19.862	2833	2835	2840	rVB	45021	54541	2.19%	0.130%
66	19.945	2844	2849	2853	rVB	1015404	1270293	50.99%	3.033%
67	20.209	2890	2894	2896	rBV	84455	103317	4.15%	0.247%
68	20.239	2896	2899	2903	rVB	236913	260372	10.45%	0.622%
69	20.421	2926	2930	2933	rBV	501367	585419	23.50%	1.398%
70	20.551	2944	2952	2953	rBV4	40443	86117	3.46%	0.206%
71	20.586	2954	2958	2961	rBV	356744	516559	20.73%	1.234%
72	20.621	2961	2964	2968	rBV	1682984	1792709	71.95%	4.281%
73	20.727	2978	2982	2986	rBV2	400697	467073	18.75%	1.115%
74	20.774	2987	2990	2995	rVV2	98639	166909	6.70%	0.399%
75	20.821	2995	2998	3002	rVB	134050	148897	5.98%	0.356%
76	20.903	3009	3012	3016	rVB2	46553	54171	2.17%	0.129%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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

77	21.186	3055	3060	3063	rBV	531919	620339	24.90%	1.481%
78	21.392	3088	3095	3098	rBV2	496270	701665	28.16%	1.676%
79	21.421	3098	3100	3104	rVB	85587	87488	3.51%	0.209%
80	21.480	3106	3110	3115	rBV	271364	356442	14.31%	0.851%
81	21.545	3117	3121	3122	rVV	277741	326751	13.11%	0.780%
82	21.568	3122	3125	3128	rVV	1542983	1691110	67.88%	4.038%
83	21.615	3128	3133	3138	rVB2	439454	732741	29.41%	1.750%
84	21.668	3138	3142	3145	rBV3	119881	211587	8.49%	0.505%
85	21.750	3153	3156	3163	rVB	154692	194933	7.82%	0.465%
86	22.050	3203	3207	3217	rVB	462310	596630	23.95%	1.425%
87	22.321	3249	3253	3257	rBV	379320	515922	20.71%	1.232%
88	22.515	3279	3286	3290	rBV	1611113	2491456	100.00%	5.949%
89	22.550	3290	3292	3298	rVB	254836	326207	13.09%	0.779%
90	22.721	3319	3321	3331	rVB	133529	193404	7.76%	0.462%
91	23.033	3369	3374	3379	rVB	384196	568265	22.81%	1.357%
92	23.415	3434	3439	3444	rBV	266791	430047	17.26%	1.027%
93	23.603	3466	3471	3474	rBV	294059	504393	20.24%	1.204%
94	23.656	3474	3480	3485	rVB	930911	1689641	67.82%	4.035%
95	23.709	3486	3489	3493	rBV	117900	179089	7.19%	0.428%
96	24.262	3578	3583	3592	rVB	211383	454122	18.23%	1.084%
97	24.833	3674	3680	3687	rVB	191213	419093	16.82%	1.001%
98	25.150	3727	3734	3742	rVB2	663432	1622355	65.12%	3.874%
99	26.844	4017	4022	4035	rVB4	203100	648760	26.04%	1.549%
100	27.209	4074	4084	4096	rBV3	464891	1665642	66.85%	3.977%

Sum of corrected areas: 41877315

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
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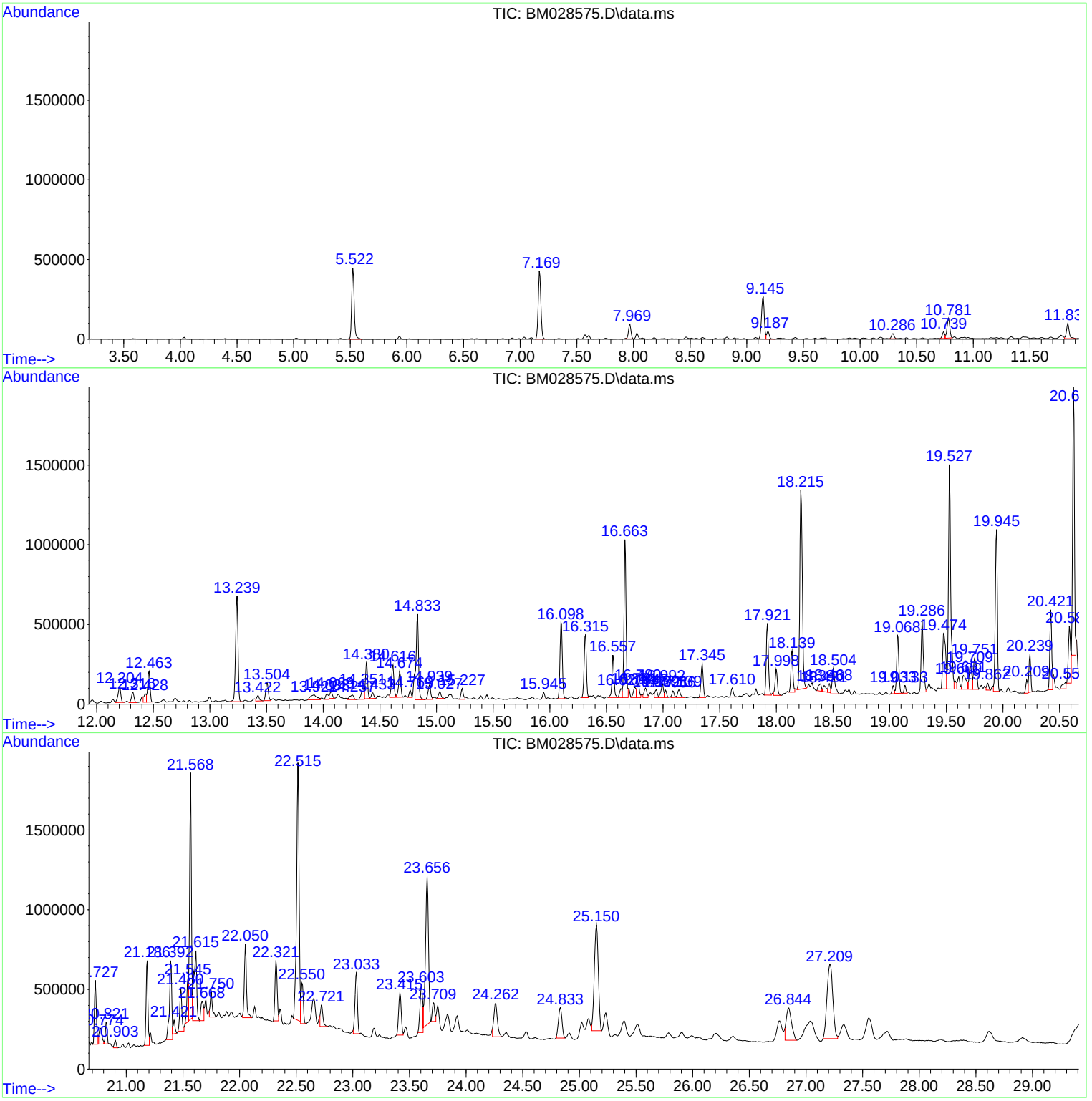
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-102

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 : BM028575.D
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Instrument :
BNA_M
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

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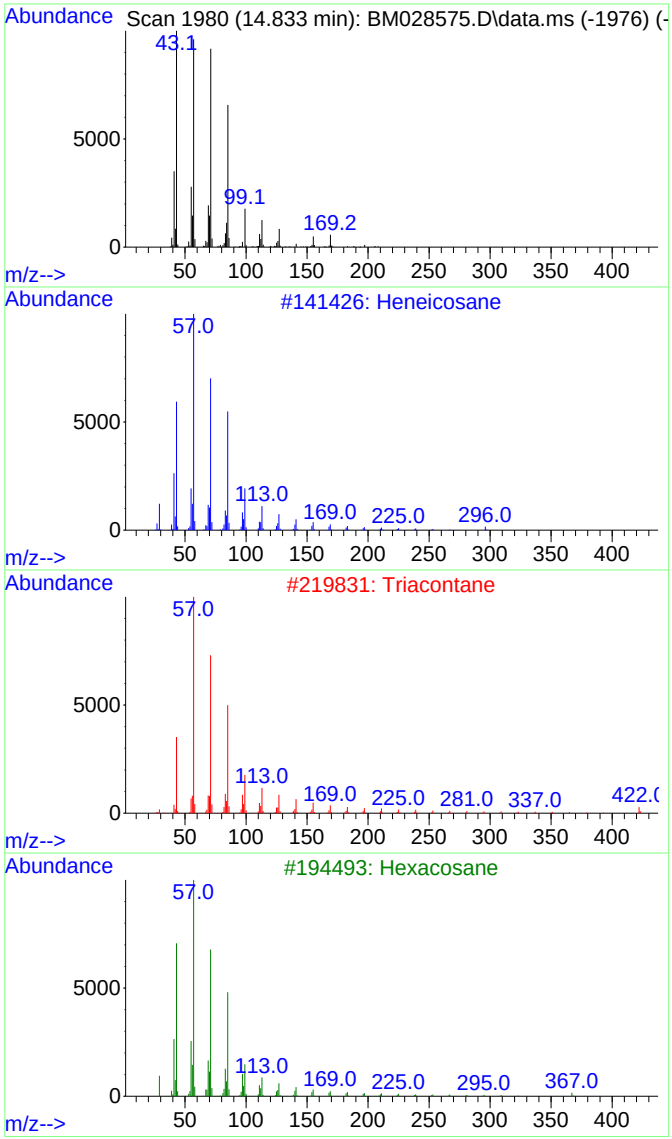
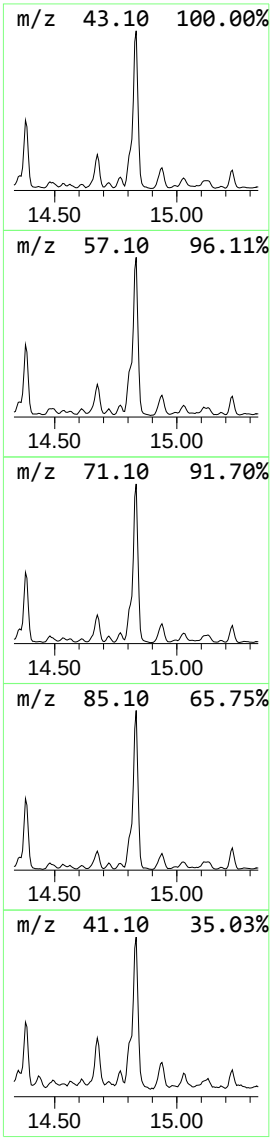
Peak Number 1 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	50.51 ng	759914	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Triacontane	422	C30H62	000638-68-6	90
3	Hexacosane	366	C26H54	000630-01-3	86
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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
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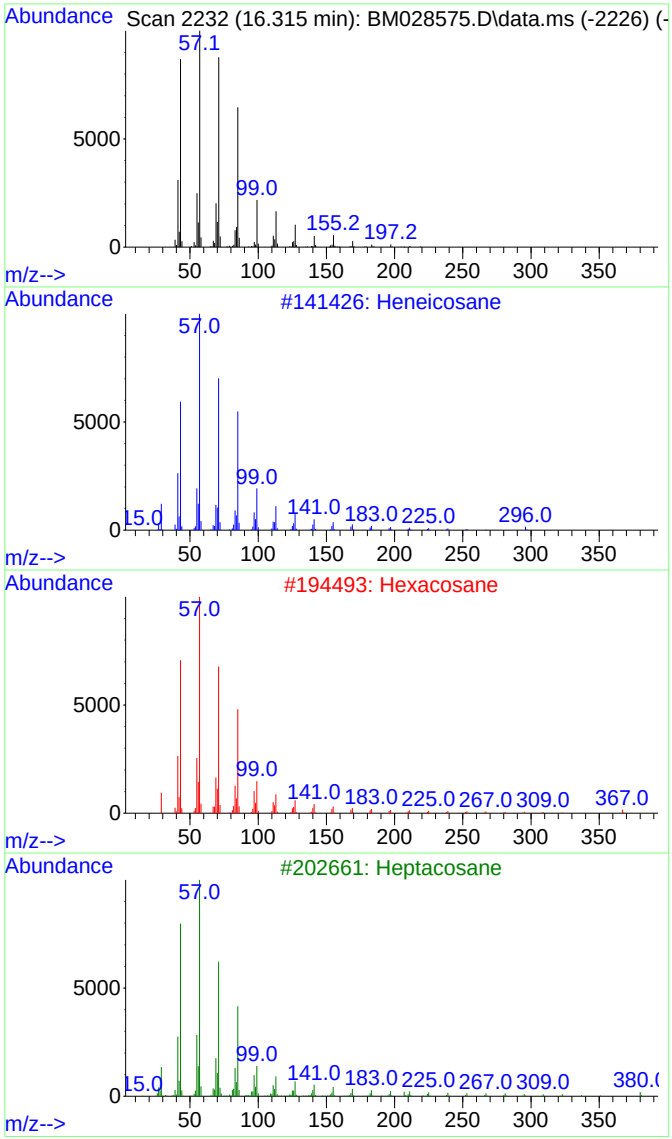
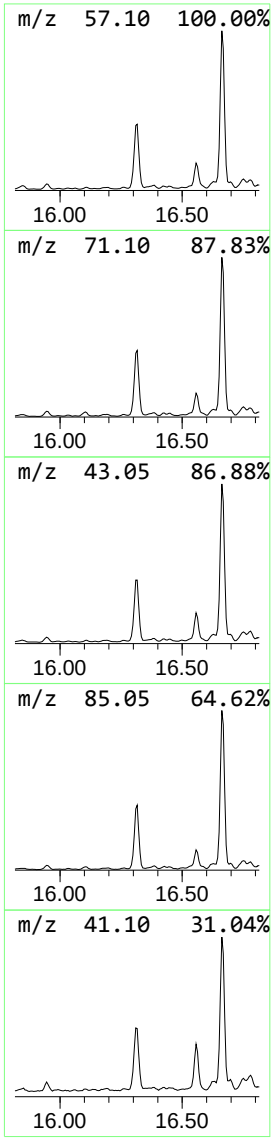
Peak Number 2 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.316	37.39 ng	539762	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	78
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-102

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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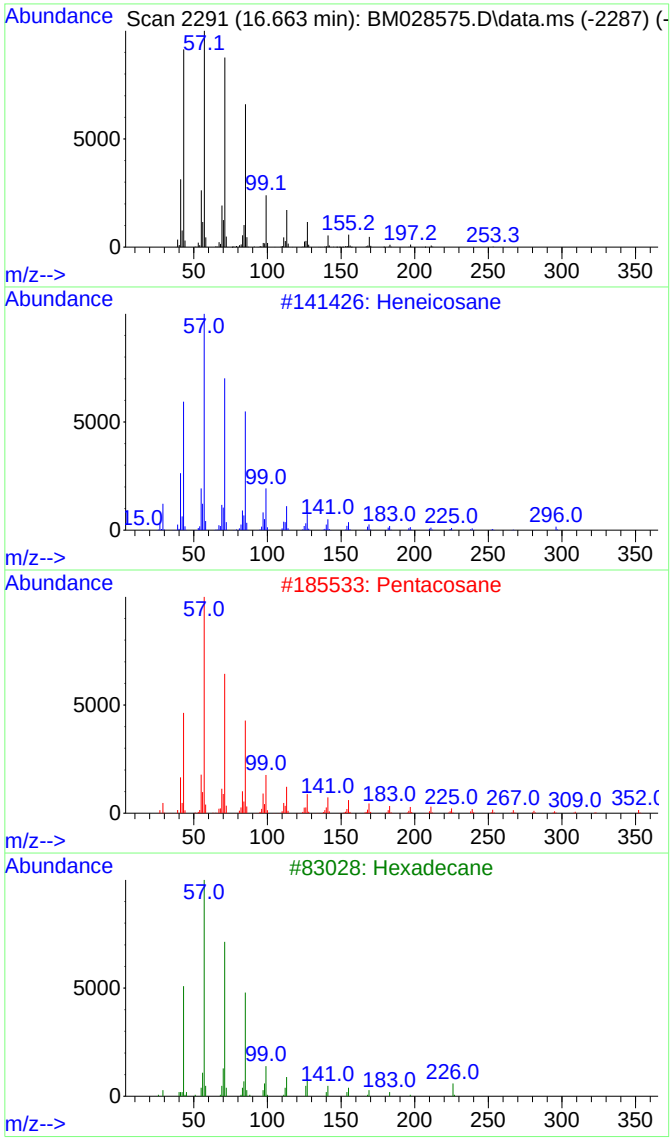
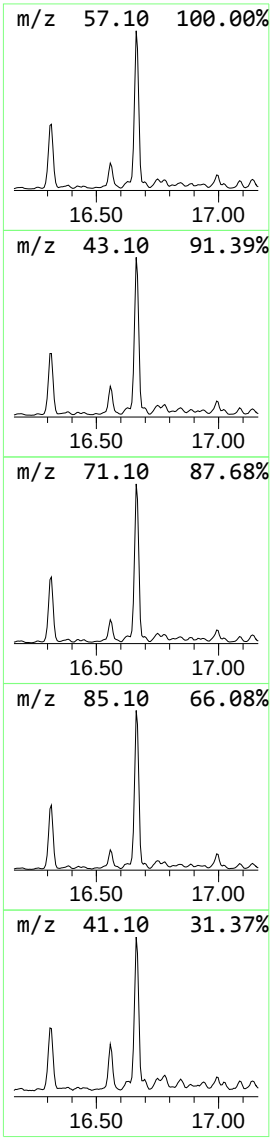
Peak Number 3 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	87.99 ng	1270100	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentacosane	352	C25H52	000629-99-2	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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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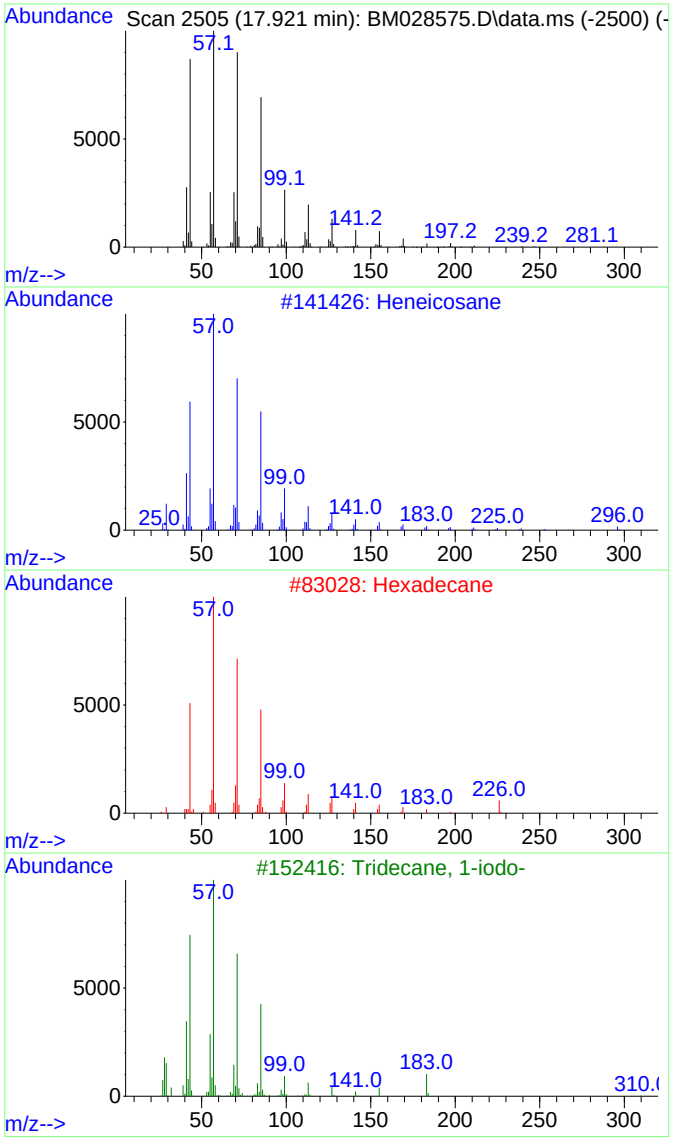
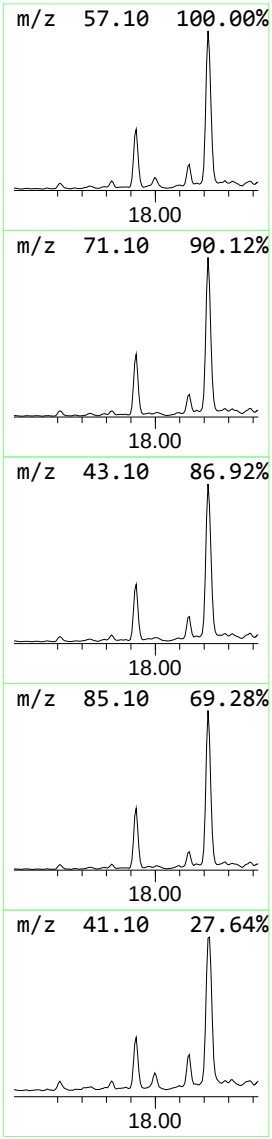
Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	41.26 ng	595538	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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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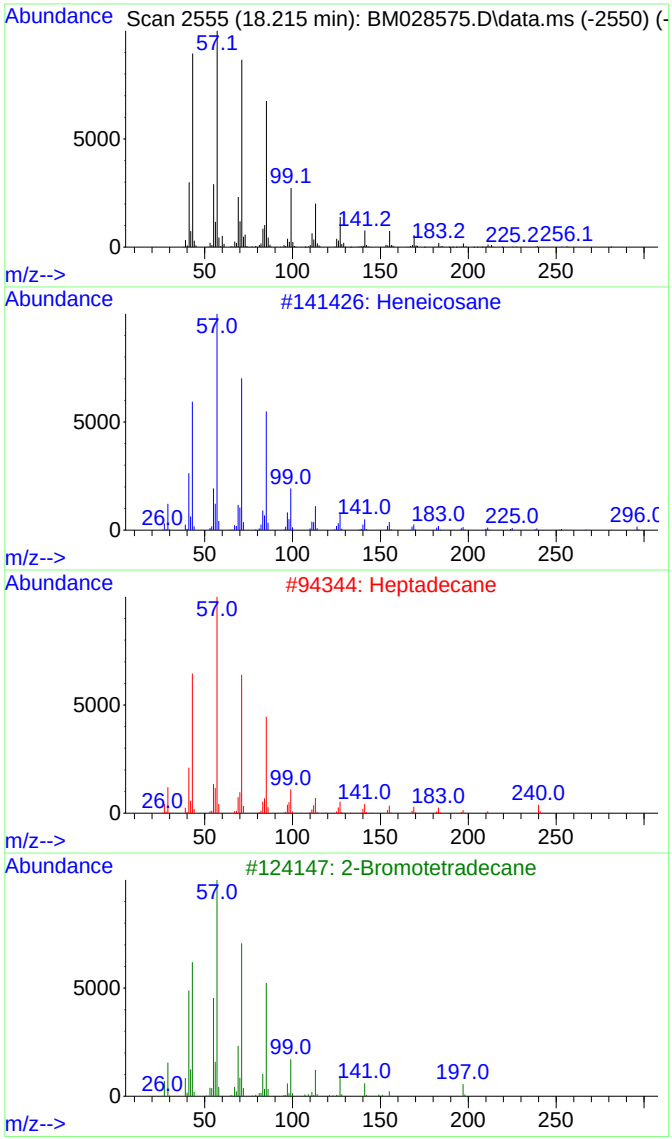
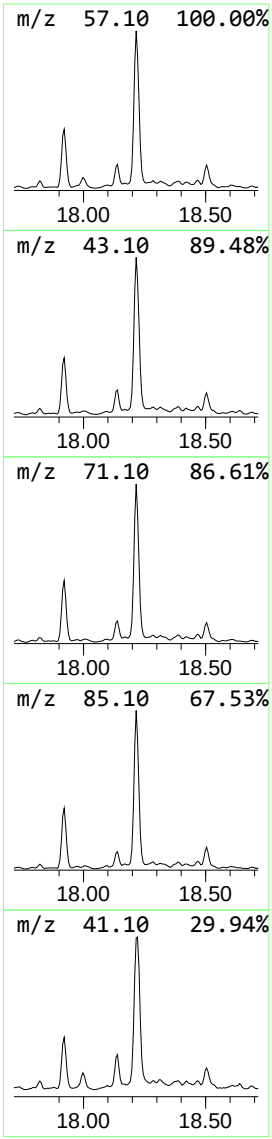
Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	134.38 ng	1939830	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Heptadecane	240	C17H36	000629-78-7	72
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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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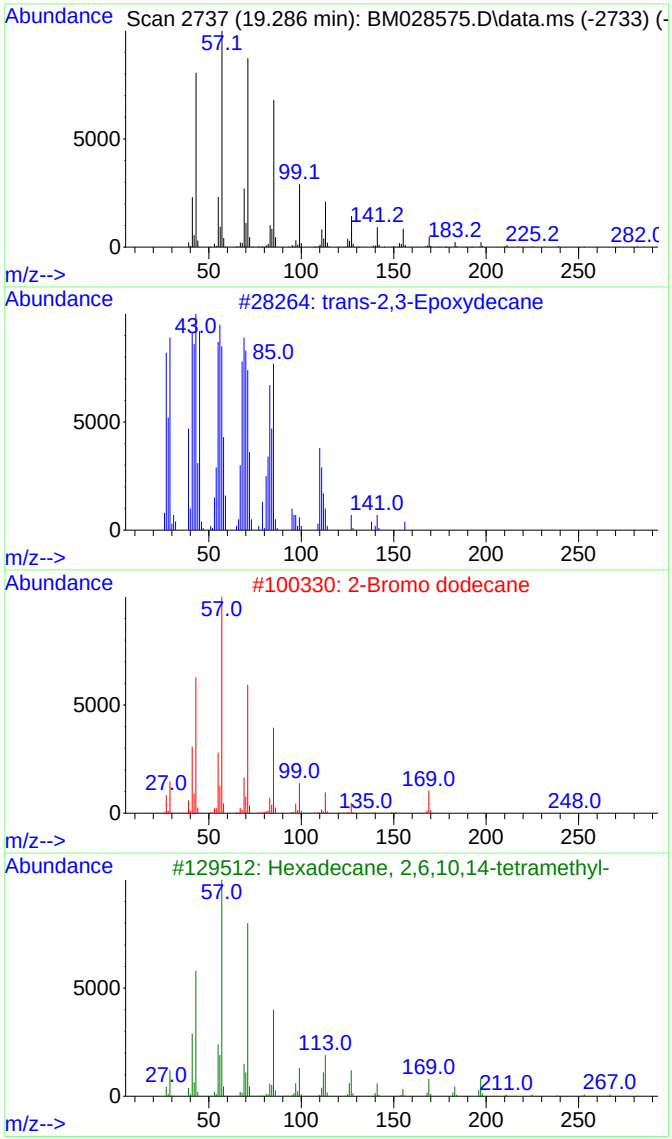
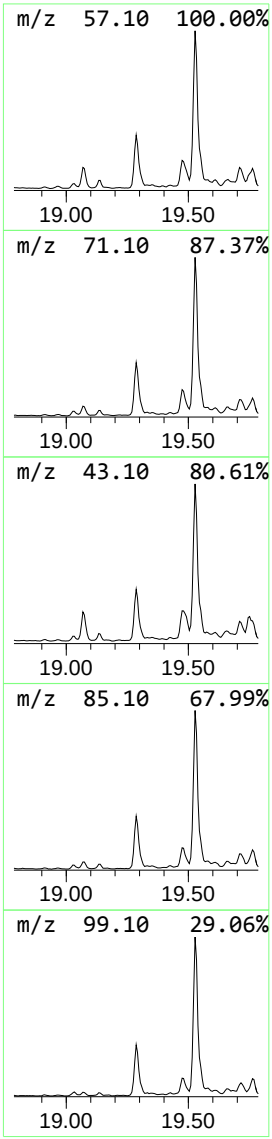
Peak Number 6 trans-2,3-Epoxydecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.286	43.32 ng	625287	Phenanthrene-d10	17.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	87
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4	Heneicosane	296	C21H44	000629-94-7	78
5	2-methyloctacosane	408	C29H60	1000376-72-8	78





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Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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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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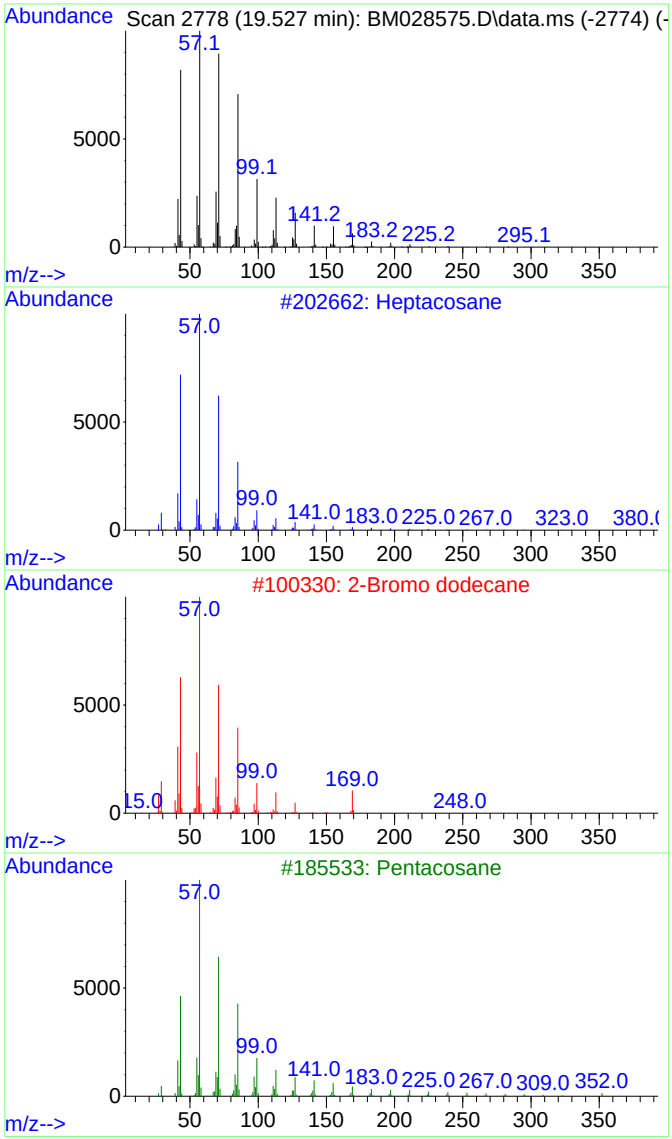
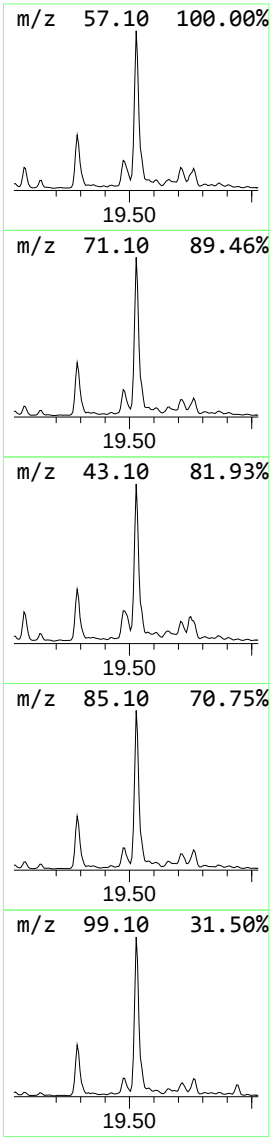
Peak Number 7 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.527	108.68 ng	1936870	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
3	Pentacosane	352	C25H52	000629-99-2	78
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
5	Decane, 5-propyl-	184	C13H28	017312-62-8	52





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ClientSampleId : PS-102

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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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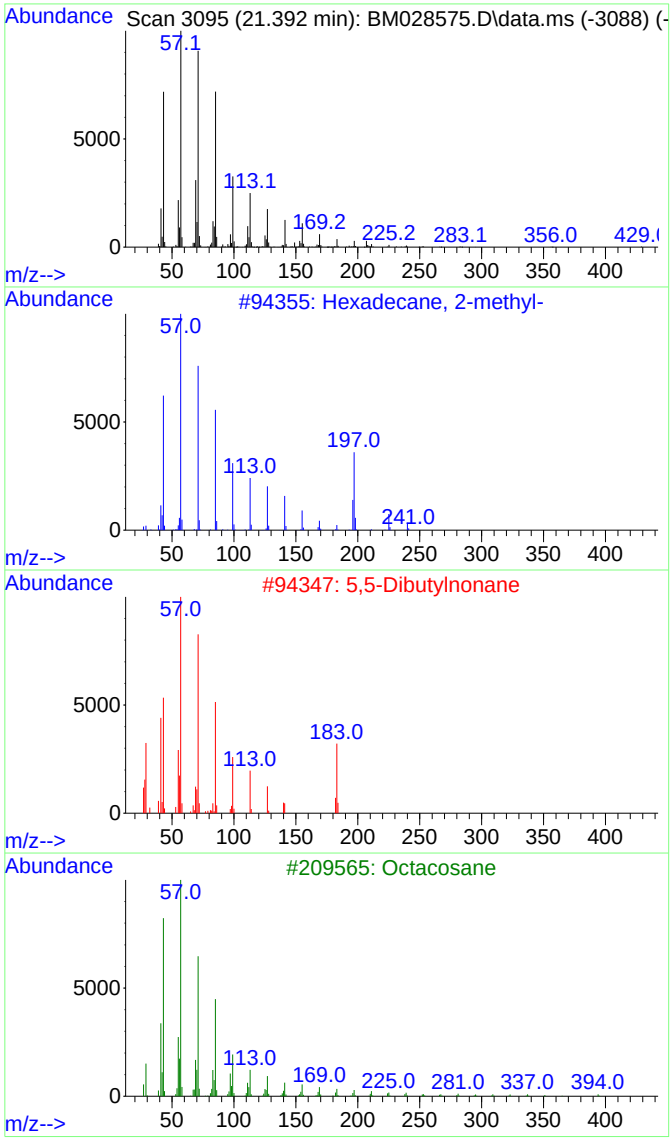
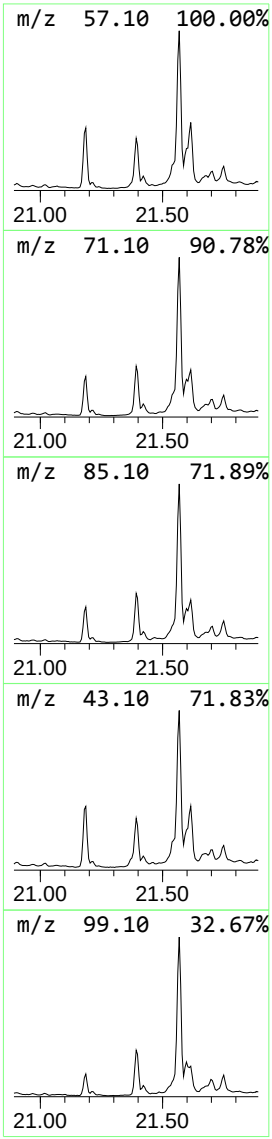
Peak Number 8 Hexadecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.392	39.37 ng	701665	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
3	Octacosane	394	C28H58	000630-02-4	78
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	78
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74





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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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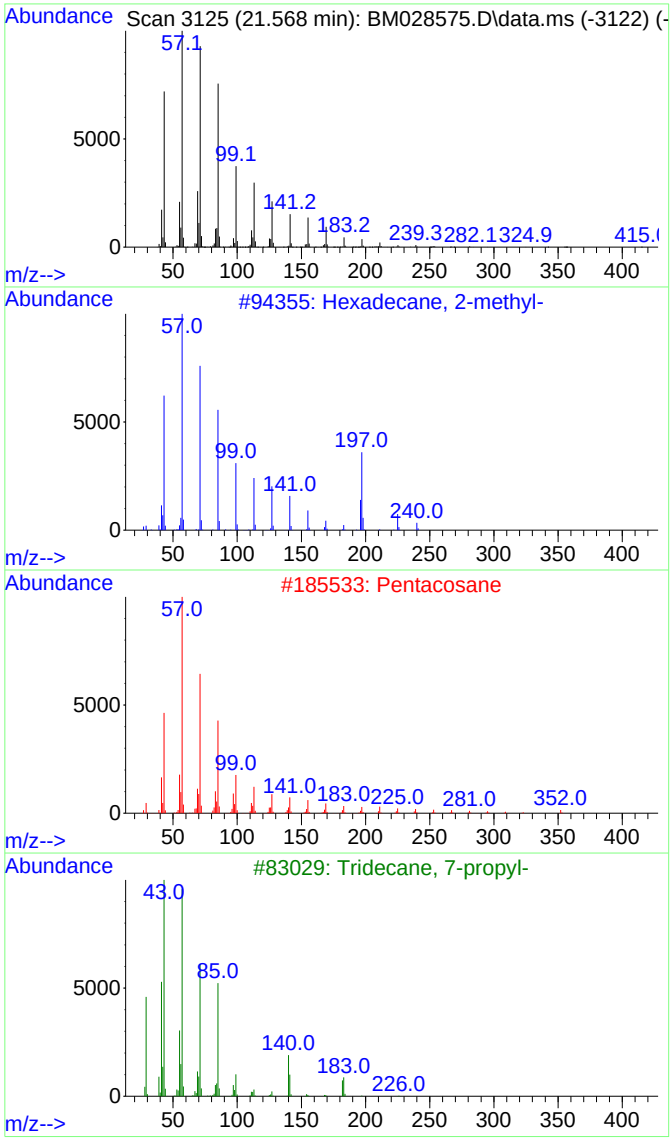
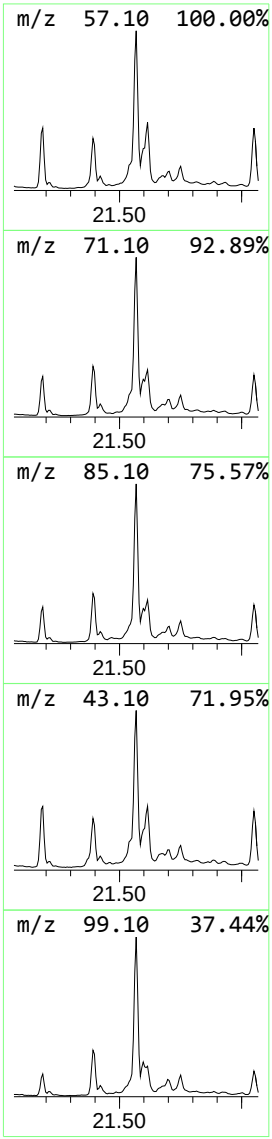
Peak Number 9 Tridecane, 7-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.568	94.89 ng	1691110	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
2	Pentacosane	352	C25H52	000629-99-2	83
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	62
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49





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Instrument : BNA_M
ClientSampleId : PS-102

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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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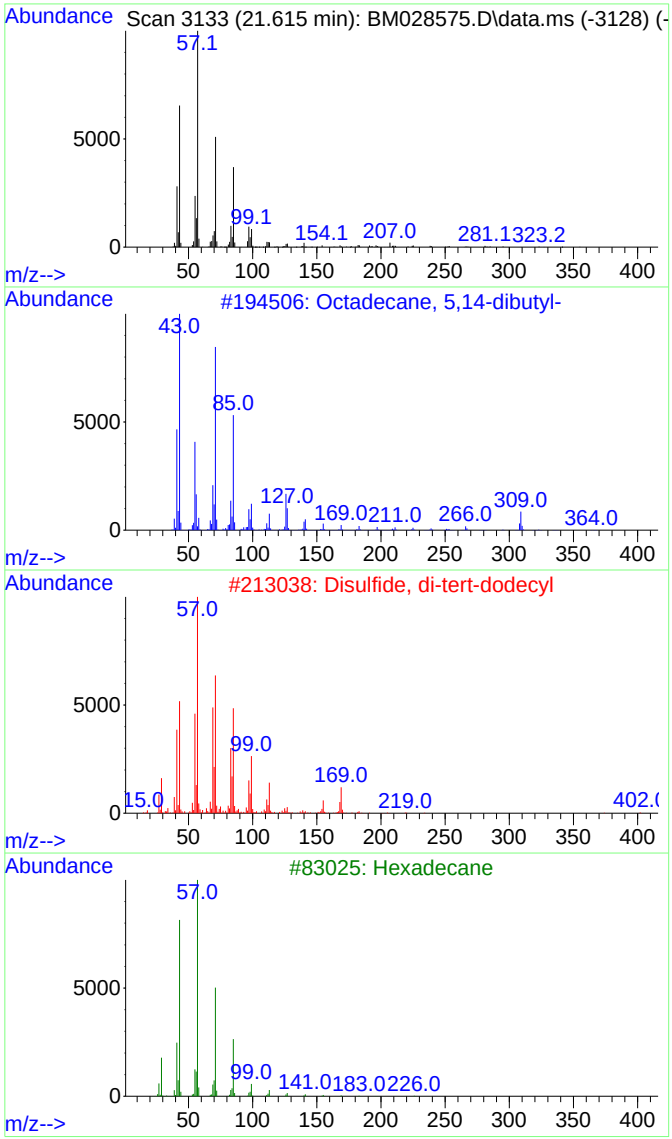
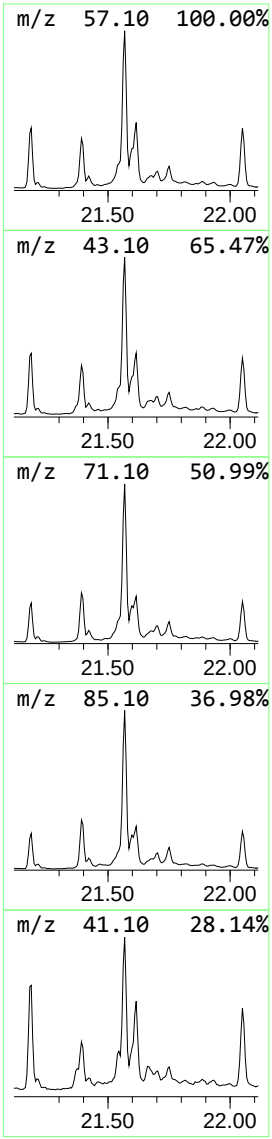
Peak Number 10 Octadecane, 5,14-dibutyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.615	41.11 ng	732741	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	74
2	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64





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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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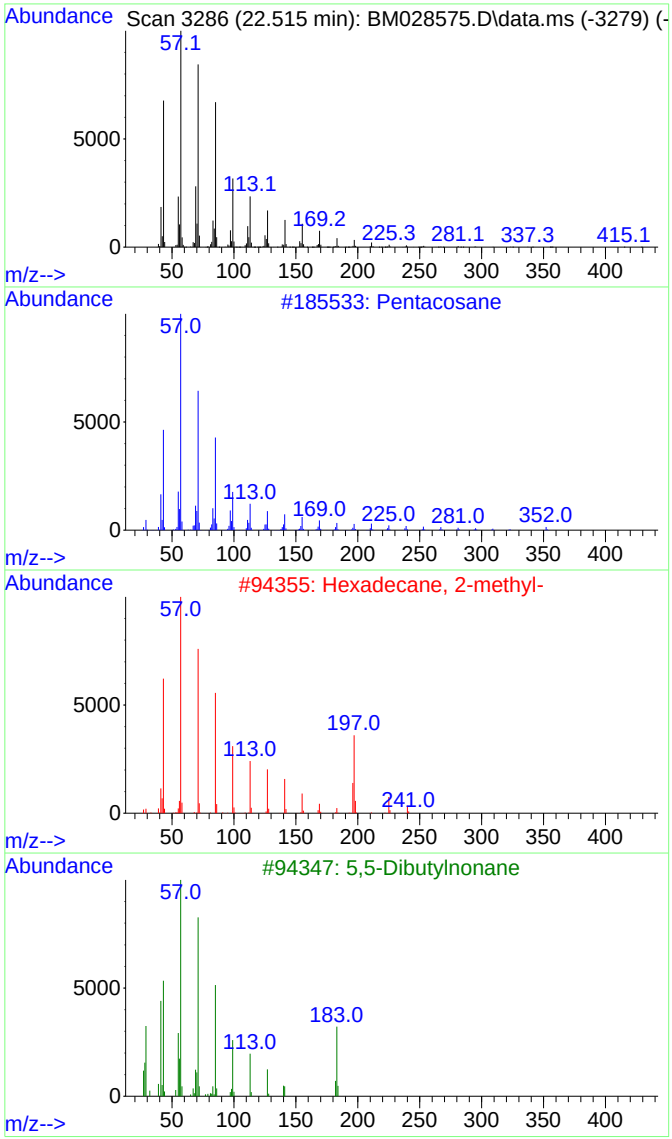
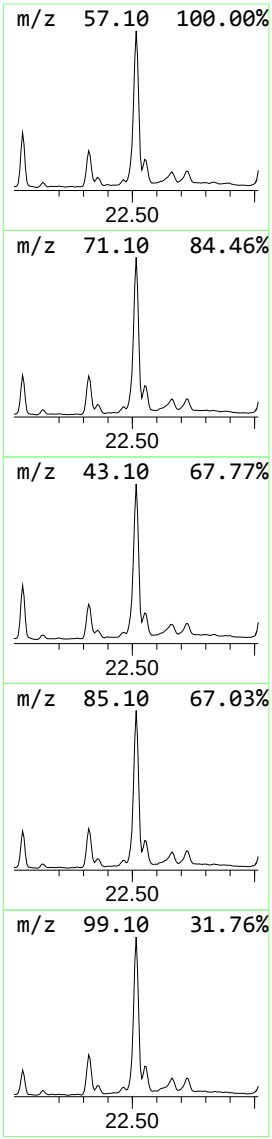
Peak Number 11 5,5-Dibutylnonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.515	139.80 ng	2491460	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
3	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	78
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74





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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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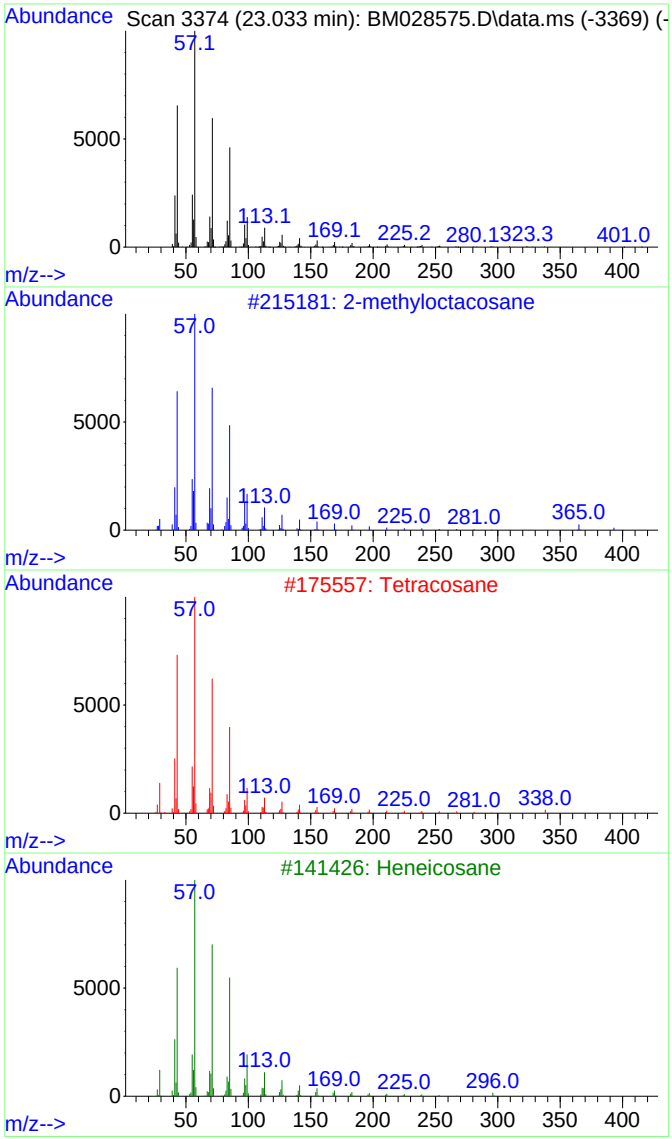
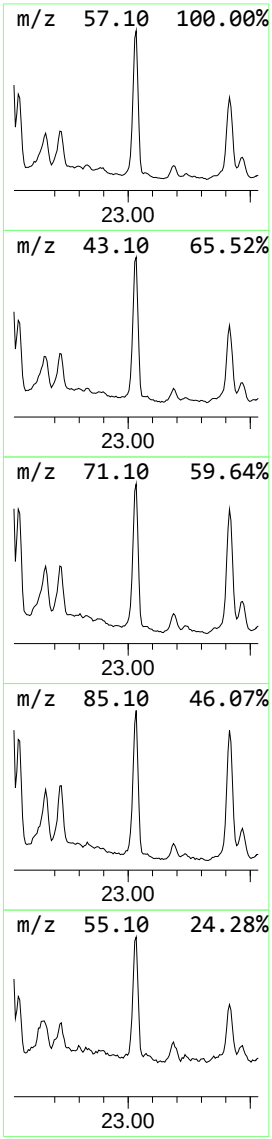
Peak Number 12 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.033	63.46 ng	568265	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





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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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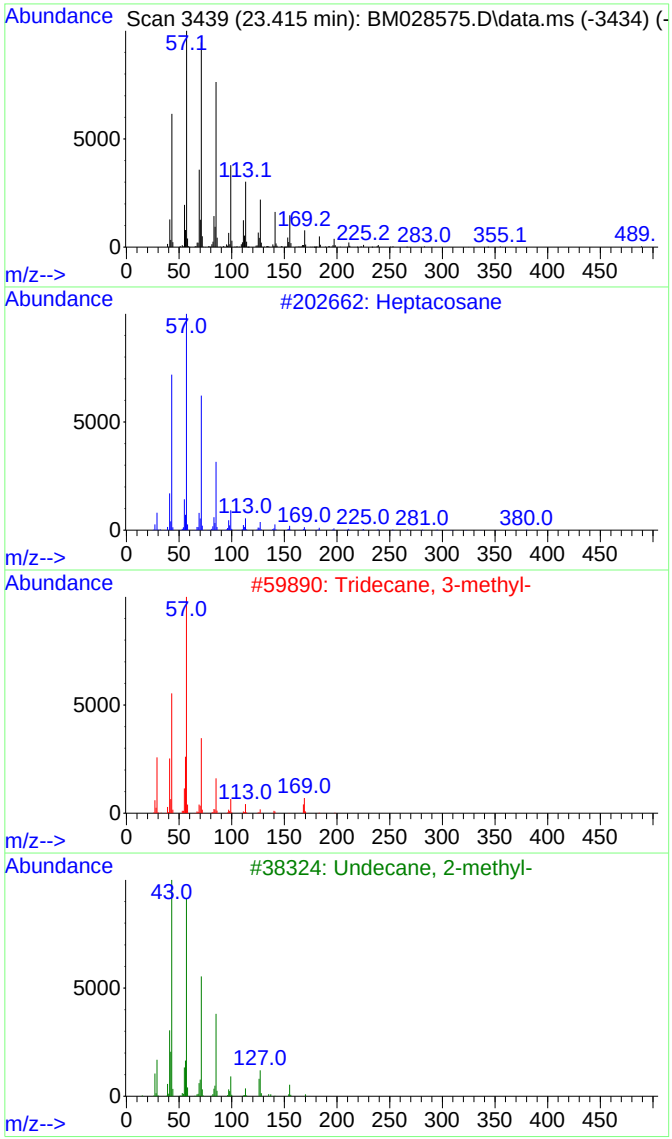
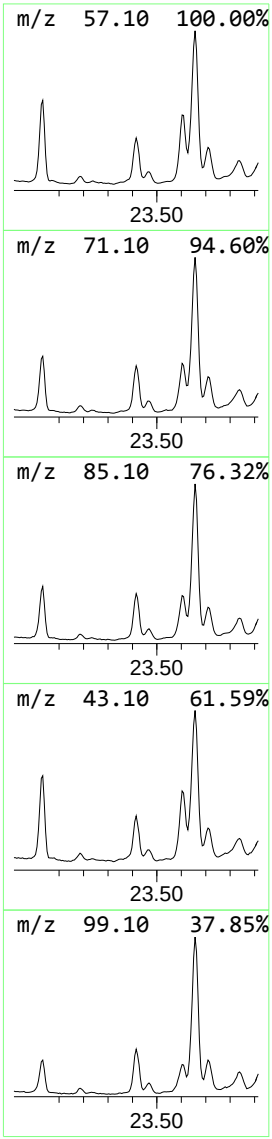
Peak Number 13 Tridecane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.415	48.03 ng	430047	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
5	Decane, 3-methyl-	156	C11H24	013151-34-3	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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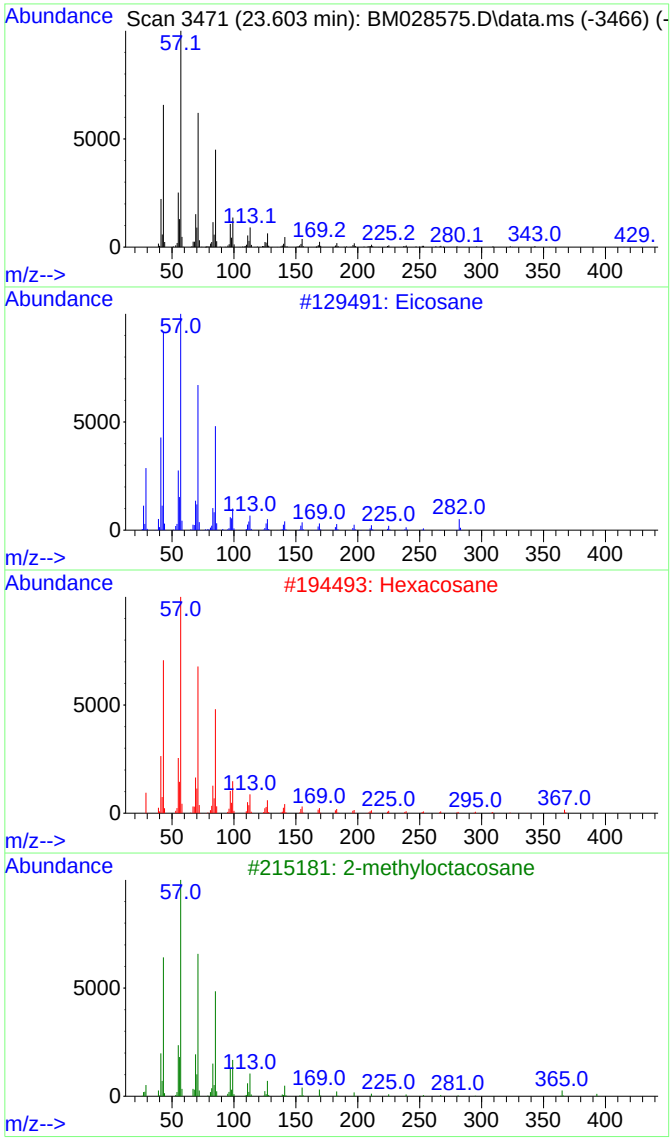
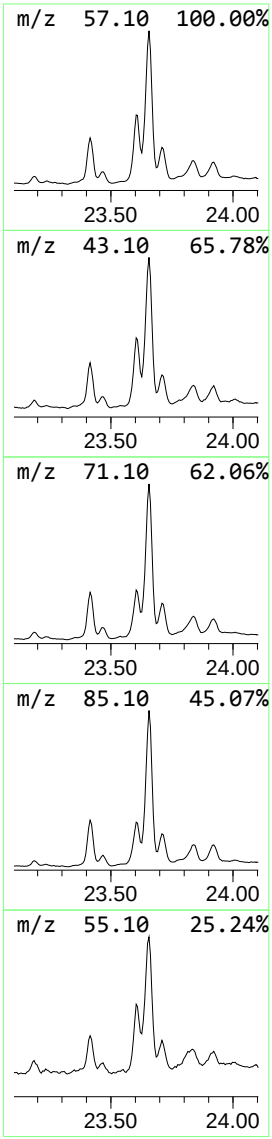
Peak Number 14 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.603	56.33 ng	504393	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexacosane	366	C26H54	000630-01-3	94
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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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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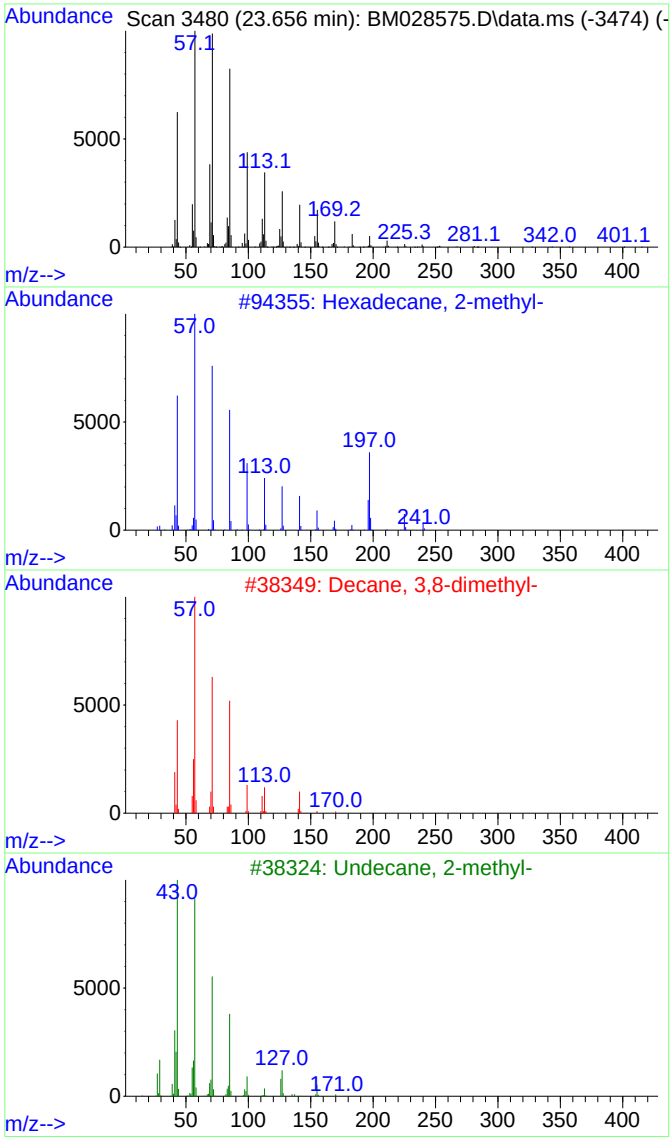
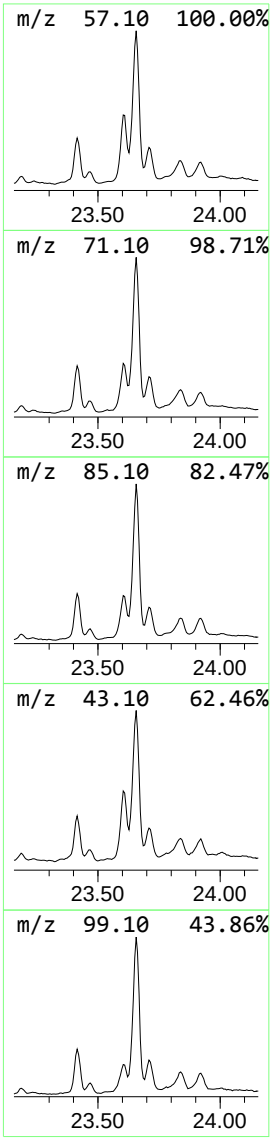
Peak Number 15 Decane, 3,8-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.656	188.69 ng	1689640	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	53
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	52
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	52





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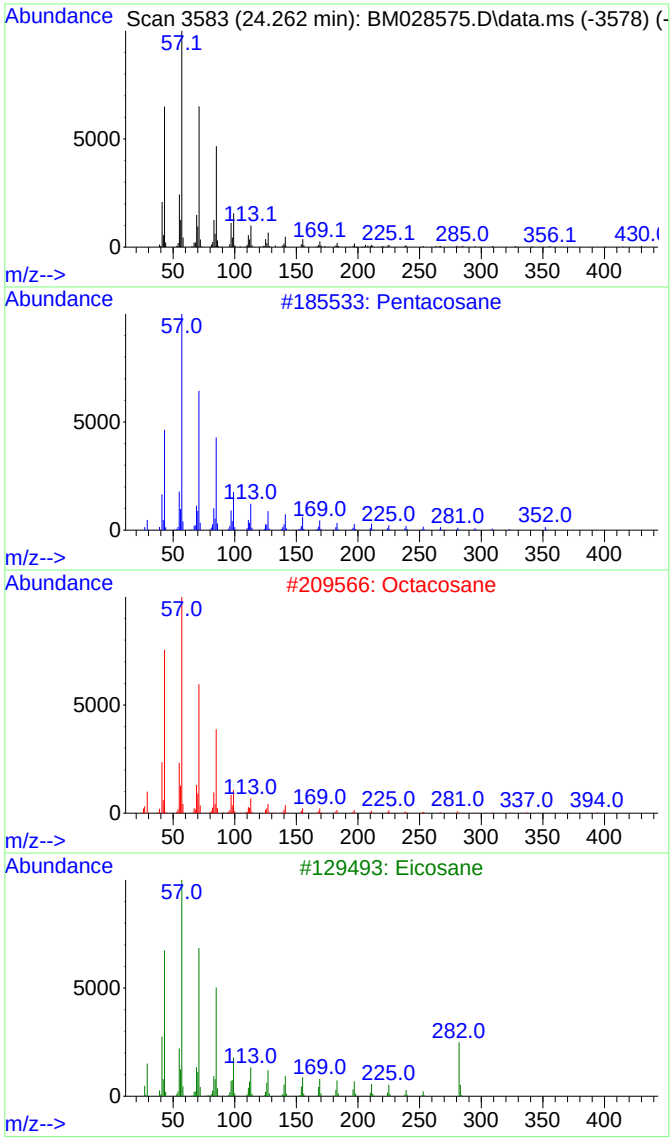
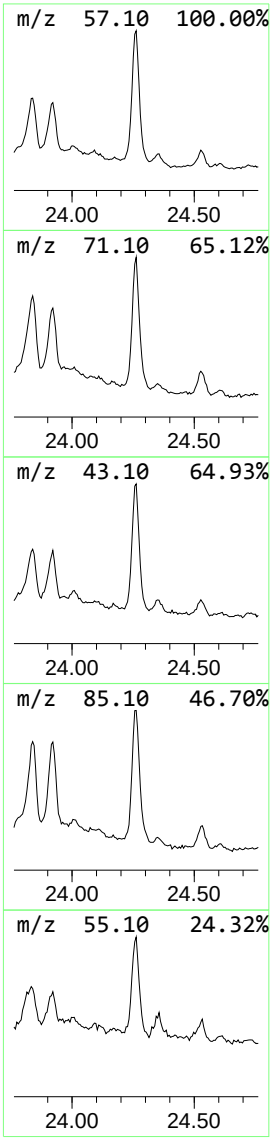
Peak Number 16 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.262	50.71 ng	454122	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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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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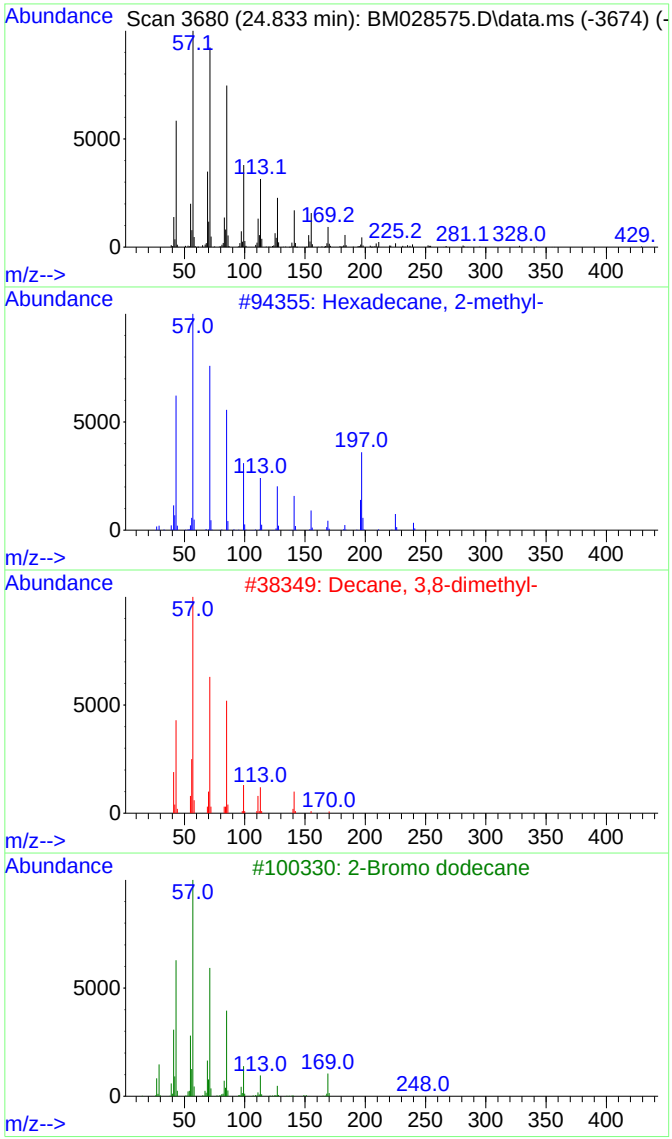
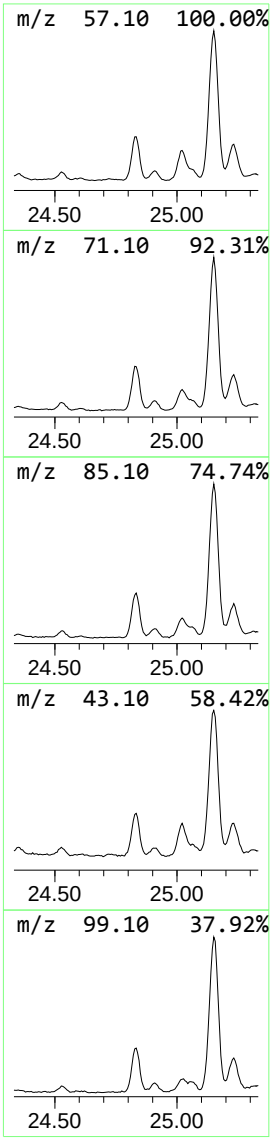
Peak Number 17 2-Bromo dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.833	46.80 ng	419093	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	59
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	58





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ClientSampleId :
PS-102

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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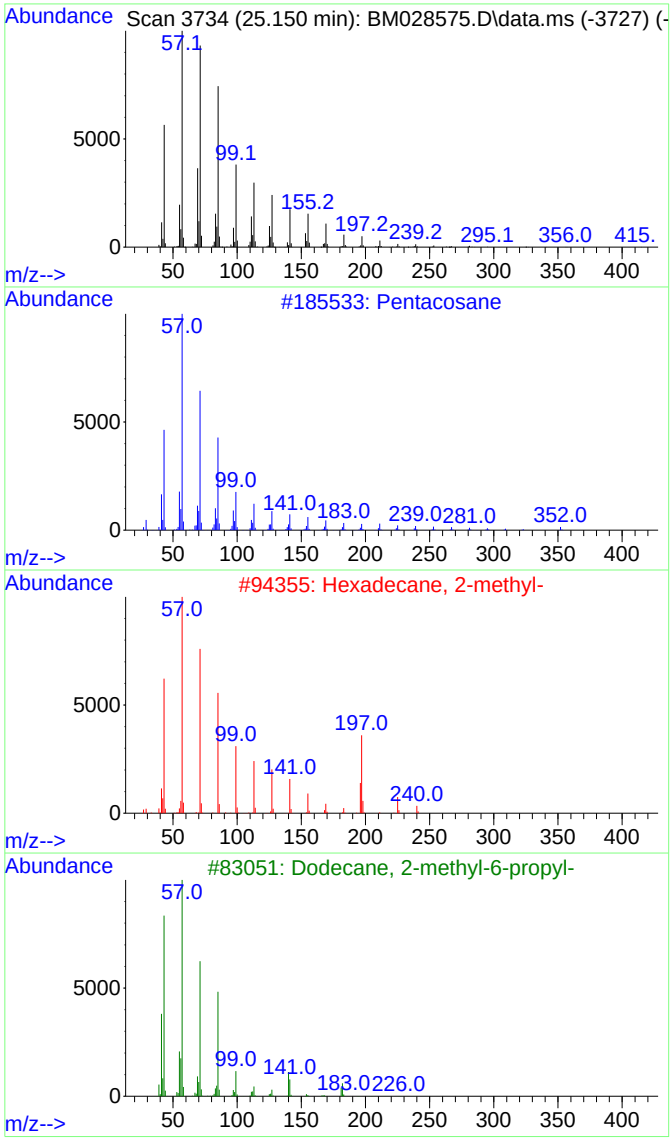
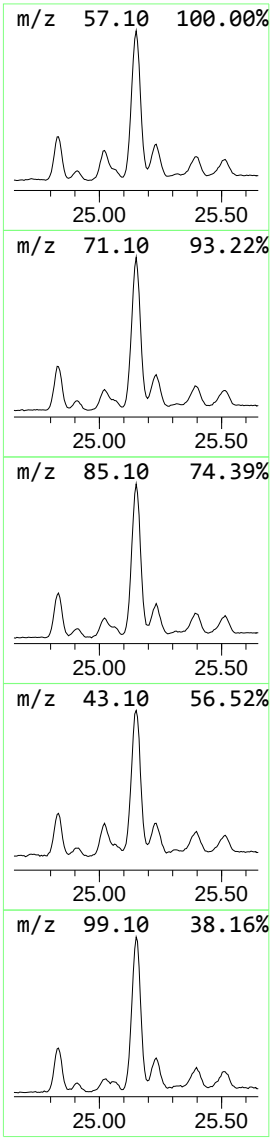
Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.150	181.18 ng	1622360	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	53
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PS-102

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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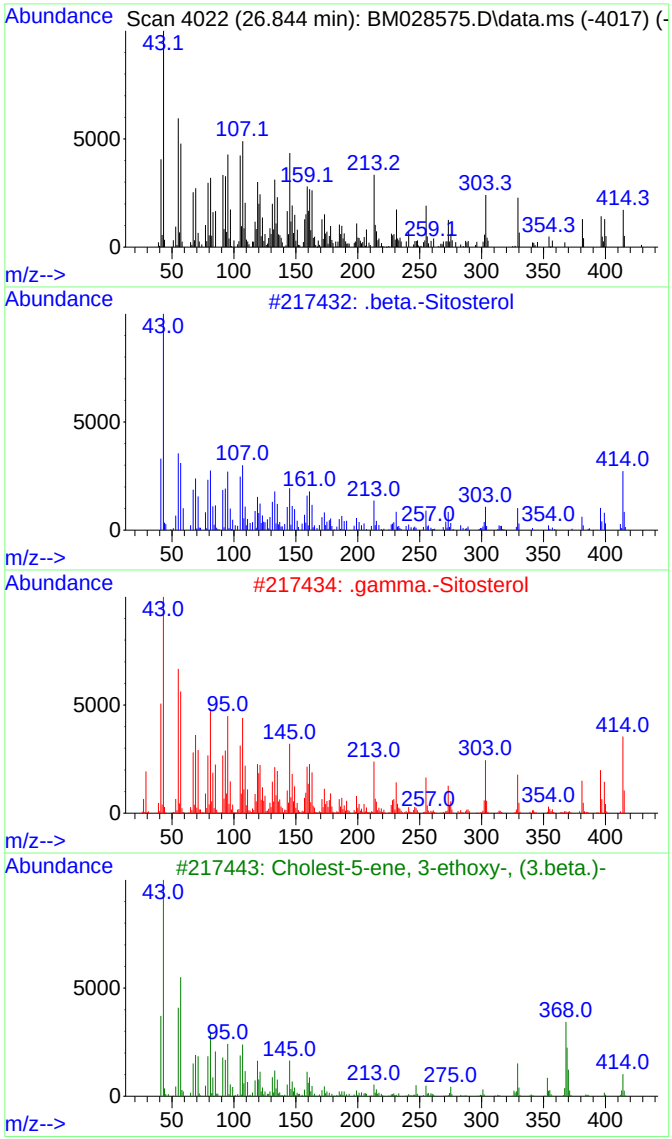
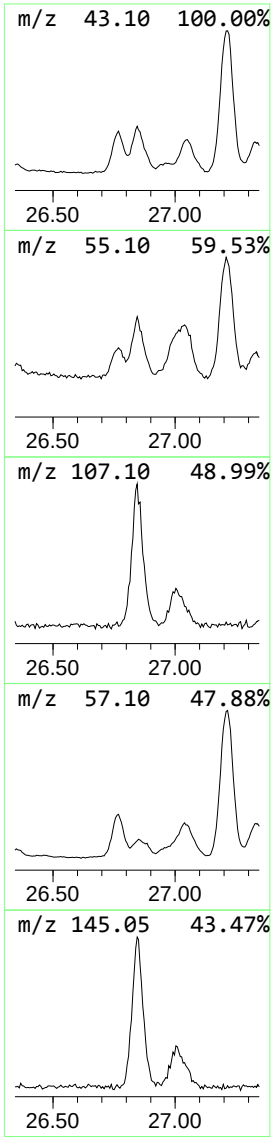
Peak Number 19 .beta.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.844	72.45 ng	648760	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	64
4	Ergost-7-en-3-ol	400	C28H48O	116179-22-7	55
5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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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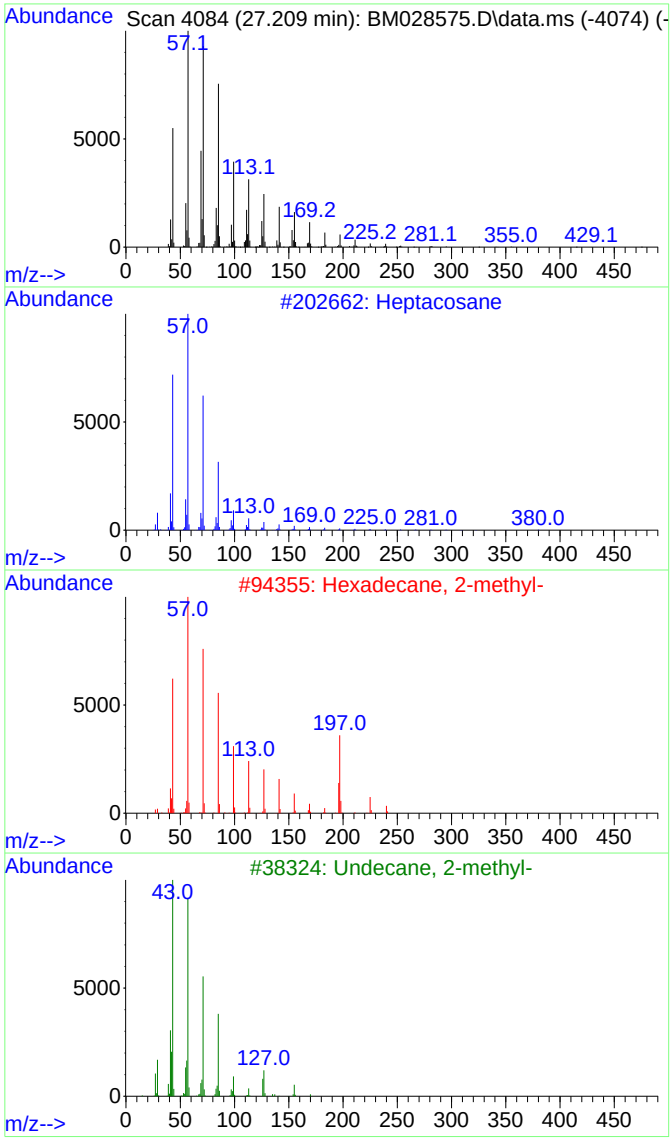
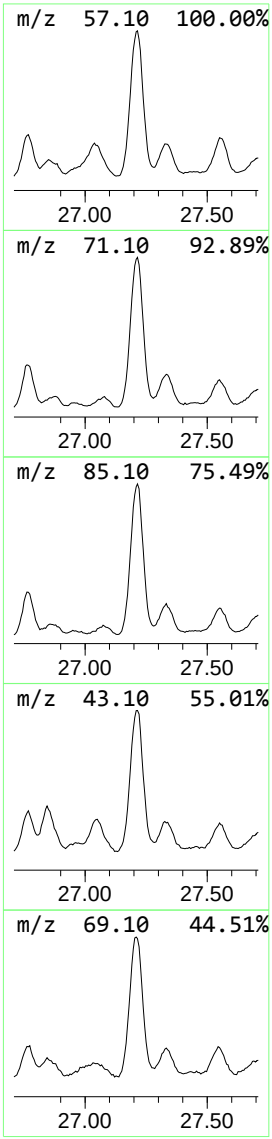
Peak Number 20 Undecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.209	186.01 ng	1665640	Perylene-d12	23.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	58
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028575.D
Acq On : 27 Jan 2021 18:32
Operator : CG/JU
Sample : M1216-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS-102

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
Heneicosane	14.833	50.5	ng	759914	3	14.616	300887	20.0
Hexacosane	16.316	37.4	ng	539762	4	17.345	288701	20.0
Pentacosane	16.663	88.0	ng	1270100	4	17.345	288701	20.0
Hexadecane	17.921	41.3	ng	595538	4	17.345	288701	20.0
Heptadecane	18.215	134.4	ng	1939830	4	17.345	288701	20.0
trans-2,3-Epoxy...	19.286	43.3	ng	625287	4	17.345	288701	20.0
Heptacosane	19.527	108.7	ng	1936870	5	21.480	356442	20.0
Hexadecane, 2-m...	21.392	39.4	ng	701665	5	21.480	356442	20.0
Tridecane, 7-pr...	21.568	94.9	ng	1691110	5	21.480	356442	20.0
Octadecane, 5,1...	21.615	41.1	ng	732741	5	21.480	356442	20.0
5,5-Dibutylnonane	22.515	139.8	ng	2491460	5	21.480	356442	20.0
2-methyloctacosane	23.033	63.5	ng	568265	6	23.750	179089	20.0
Tridecane, 3-me...	23.415	48.0	ng	430047	6	23.750	179089	20.0
Eicosane	23.603	56.3	ng	504393	6	23.750	179089	20.0
Decane, 3,8-dim...	23.656	188.7	ng	1689640	6	23.750	179089	20.0
Octacosane	24.262	50.7	ng	454122	6	23.750	179089	20.0
2-Bromo dodecane	24.833	46.8	ng	419093	6	23.750	179089	20.0
Dodecane, 2-met...	25.150	181.2	ng	1622360	6	23.750	179089	20.0
.beta.-Sitosterol	26.844	72.5	ng	648760	6	23.750	179089	20.0
Undecane, 2-met...	27.209	186.0	ng	1665640	6	23.750	179089	20.0