LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

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_F\METHODS\8270-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.793	287	290	296	rVB	62851	87733	1.86%	0.109%
2	5.410	561	565	576	rBV	5042630	4548120	96.23%	5.639%
3	6.434	735	739	742	rBV	5320526	4726067	100.00%	5.860%
4	6.793	796	800	804	rBV	2108020	1645152	34.81%	2.040%
5	7.204	865	870	874	rBV2	91862	116628	2.47%	0.145%
6	7.357	890	896	899	rBV	3806815	3091731	65.42%	3.833%
7	7.834	973	977	979	rVV2	67984	85723	1.81%	0.106%
8	8.081	1013	1019	1021	rBV	2453490	2331183	49.33%	2.890%
9	8.098	1021	1022	1026	rVV2	132588	107159	2.27%	0.133%
10	8.145	1027	1030	1032	rVB	268064	208719	4.42%	0.259%
11	8.375	1062	1069	1071	rBV4	133540	228154	4.83%	0.283%
12	8.428	1076	1078	1081	rBV2	161768	146954	3.11%	0.182%
13	8.457	1081	1083	1087	rVB2	150576	169643	3.59%	0.210%
14	8.504	1087	1091	1093	rBV	478674	403598	8.54%	0.500%
15	8.622	1108	1111	1116	rBV6	66410	105918	2.24%	0.131%
16	8.675	1117	1120	1123	rBV	351748	264102	5.59%	0.327%
17	8.769	1133	1136	1138	rVV2	158448	190785	4.04%	0.237%
18	8.792	1138	1140	1142	rVB	162090	112397	2.38%	0.139%
19	8.892	1154	1157	1162	rVB2	190706	187455	3.97%	0.232%
20	8.957	1166	1168	1170	rBV2	182395	175481	3.71%	0.218%
21	9.039	1179	1182	1185	rBV	223951	191159	4.04%	0.237%
22	9.081	1186	1189	1191	rBV2	179130	149336	3.16%	0.185%
23	9.104	1191	1193	1196	rVB	590075	450758	9.54%	0.559%
24	9.157	1196	1202	1205	rBV	6075089	4629462	97.96%	5.740%
25	9.198	1205	1209	1212	rBV4	84246	88181	1.87%	0.109%
26	9.239	1213	1216	1222	rBV	565435	688020	14.56%	0.853%
27	9.357	1233	1236	1239	rVB4	95307	109802	2.32%	0.136%
28	9.416	1243	1246	1247	rBV3	81143	92657	1.96%	0.115%
29	9.492	1256	1259	1262	rBV2	247808	212151	4.49%	0.263%
30	9.516	1262	1263	1266	rVB2	190799	155312	3.29%	0.193%
31	9.563	1266	1271	1273	rBV2	664007	833195	17.63%	1.033%
32	9.616	1278	1280	1283	rVB2	139346	145056	3.07%	0.180%
33	9.692	1291	1293	1299	rBV2	147598	174481	3.69%	0.216%
34	9.745	1299	1302	1304	rVV2	117115	138814	2.94%	0.172%
35	9.769	1304	1306	1311	rVV	382115	330085	6.98%	0.409%
36	9.833	1314	1317	1320	rVV	2489856	2057608	43.54%	2.551%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

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_F\METHODS\8270-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.869	1320	1323	1327	rVB2	168192	161932	3.43%	0.201%
38	9.998	1342	1345	1348	rVV4	86984	130548	2.76%	0.162%
39	10.033	1348	1351	1354	rVV2	160025	186552	3.95%	0.231%
40	10.092	1357	1361	1364	rVB3	153698	196692	4.16%	0.244%
41	10.210	1378	1381	1383	rBV3	81705	90390	1.91%	0.112%
42	10.269	1388	1391	1394	rVB	228571	184580	3.91%	0.229%
43	10.381	1407	1410	1412	rBV2	180922	150247	3.18%	0.186%
44	10.492	1426	1429	1432	rVV	206300	168977	3.58%	0.210%
45	10.545	1434	1438	1441	rVB4	116621	134370	2.84%	0.167%
46	10.622	1447	1451	1455	rBV	2918088	2556334	54.09%	3.169%
47	10.745	1469	1472	1479	rVB	609258	697070	14.75%	0.864%
48	10.898	1496	1498	1500	rBV2	251611	190615	4.03%	0.236%
49	10.933	1500	1504	1506	rVV4	63102	96047	2.03%	0.119%
50	11.022	1517	1519	1524	rVB3	175479	170043	3.60%	0.211%
51	11.098	1528	1532	1535	rVB3	126561	149378	3.16%	0.185%
52	11.192	1546	1548	1550	rBV	142595	123002	2.60%	0.153%
53	11.216	1550	1552	1557	rVB3	180480	234170	4.95%	0.290%
54	11.322	1567	1570	1572	rVV	2029470	1692989	35.82%	2.099%
55	11.345	1572	1574	1578	rVB	799487	599524	12.69%	0.743%
56	11.398	1578	1583	1585	rVB2	273698	318034	6.73%	0.394%
57	11.433	1585	1589	1592	rBV5	85142	90845	1.92%	0.113%
58	11.622	1618	1621	1625	rVB2	133054	98990	2.09%	0.123%
59	11.733	1639	1640	1644	rVB2	123401	94854	2.01%	0.118%
60	11.822	1652	1655	1658	rBV	207061	212375	4.49%	0.263%
61	11.869	1658	1663	1671	rBV3	2028499	2285341	48.36%	2.833%
62	11.933	1671	1674	1677	rBV	302085	318072	6.73%	0.394%
63	11.992	1682	1684	1688	rVV	153504	167565	3.55%	0.208%
64	12.027	1688	1690	1693	rVB	135380	115531	2.44%	0.143%
65	12.269	1728	1731	1734	rVB	564630	513086	10.86%	0.636%
66	12.304	1734	1737	1741	rBV3	101794	151185	3.20%	0.187%
67	12.375	1746	1749	1751	rVV	180281	186873	3.95%	0.232%
68	12.404	1751	1754	1761	rVB4	461049	897221	18.98%	1.112%
69	12.463	1761	1764	1766	rBV2	85051	97790	2.07%	0.121%
70	12.539	1773	1777	1779	rBV	1018159	859840	18.19%	1.066%
71	12.580	1779	1784	1790	rVV3	567951	903964	19.13%	1.121%
72	12.651	1793	1796	1809	rVB2	1077911	1277321	27.03%	1.584%
73	12.769	1810	1816	1818	rBV	1111191	1170151	24.76%	1.451%
74	12.792	1818	1820	1822	rVB	485886	356134	7.54%	0.442%
75	12.910	1837	1840	1844	rBV	3669286	3364798	71.20%	4.172%
76	12.963	1846	1849	1851	rBV	205064	174327	3.69%	0.216%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
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Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

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_F\METHODS\8270-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.092	1869	1871	1874	rVB2	207421	195246	4.13%	0.242%
78	13.151	1877	1881	1886	rVV2	1115434	1156672	24.47%	1.434%
79	13.198	1886	1889	1892	rVV	262349	243543	5.15%	0.302%
80	13.292	1903	1905	1908	rVB	135473	110826	2.34%	0.137%
81	13.322	1908	1910	1914	rBV2	165606	177978	3.77%	0.221%
82	13.492	1934	1939	1942	rBV	1937248	1760005	37.24%	2.182%
83	13.821	1991	1995	2004	rBV	3006892	2995021	63.37%	3.713%
84	13.969	2015	2020	2022	rBV2	1529806	1756759	37.17%	2.178%
85	13.992	2022	2024	2027	rVB	420027	318701	6.74%	0.395%
86	14.139	2045	2049	2053	rVB	2583442	2327356	49.25%	2.886%
87	14.445	2097	2101	2106	rBV	2831348	2815888	59.58%	3.491%
88	14.751	2149	2153	2156	rBV	2282229	2235675	47.31%	2.772%
89	14.821	2162	2165	2169	rVB	562459	544488	11.52%	0.675%
90	15.004	2192	2196	2204	rVB	345225	670309	14.18%	0.831%
91	15.086	2206	2210	2214	rBV	2113649	2306916	48.81%	2.860%
92	15.363	2254	2257	2263	rVB	303661	373759	7.91%	0.463%
93	15.427	2264	2268	2270	rVV	783031	951418	20.13%	1.180%
94	15.463	2270	2274	2283	rVB	1331165	1912577	40.47%	2.371%
95	15.892	2342	2347	2352	rBV	1083675	1567659	33.17%	1.944%
96	16.133	2383	2388	2405	rVB9	356667	1114573	23.58%	1.382%
97	16.321	2414	2420	2425	rBV5	440538	911604	19.29%	1.130%
98	16.386	2426	2431	2442	rVB	662047	1316115	27.85%	1.632%
99	16.974	2527	2531	2537	rVB	323567	586669	12.41%	0.727%
100	17.480	2609	2617	2628	rVB8	426093	1358720	28.75%	1.685%

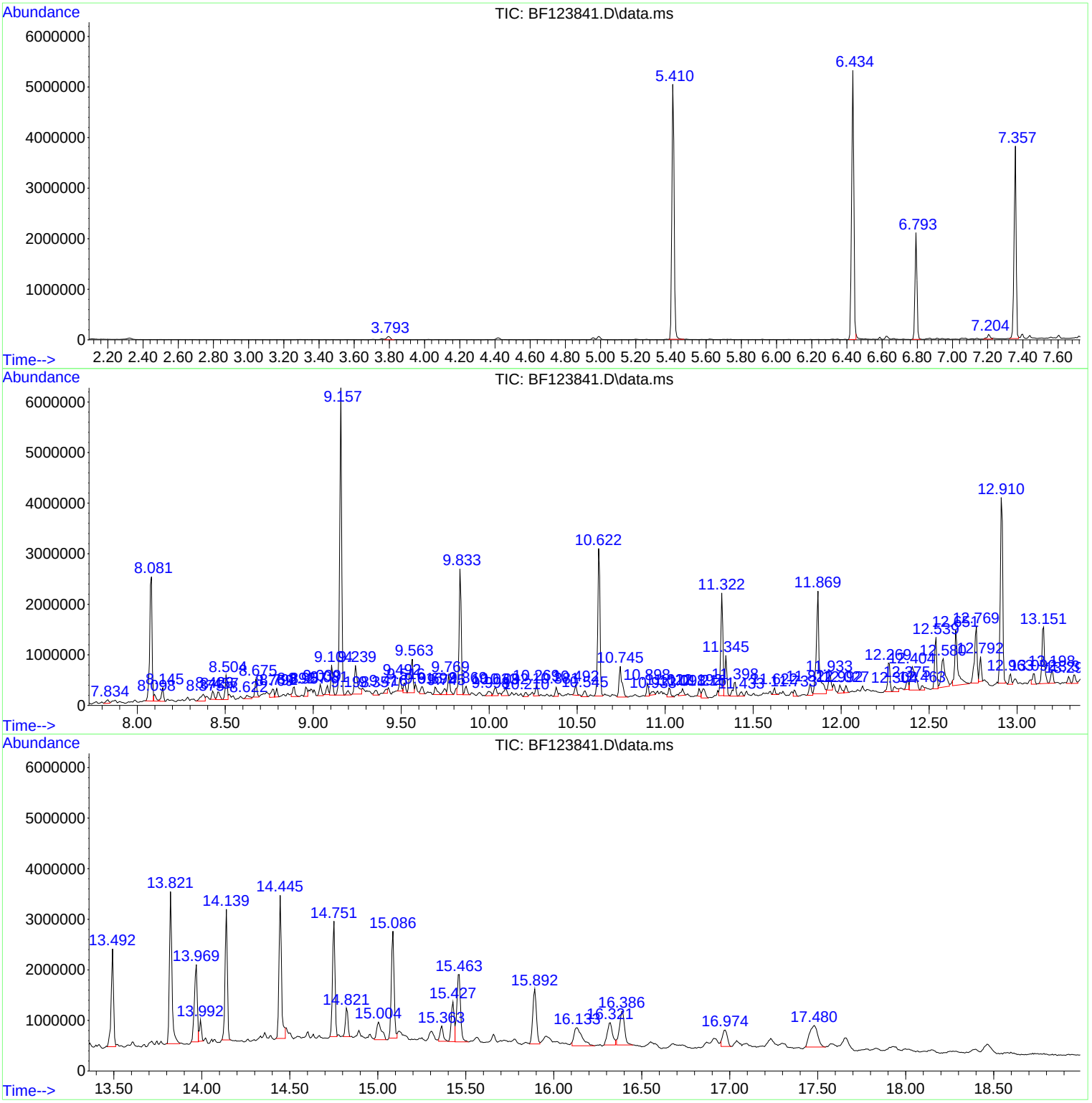
Sum of corrected areas: 80655013

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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_F\Data\BF050521\
Data File : BF123841.D
Acq On : 5 May 2021 22:22
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Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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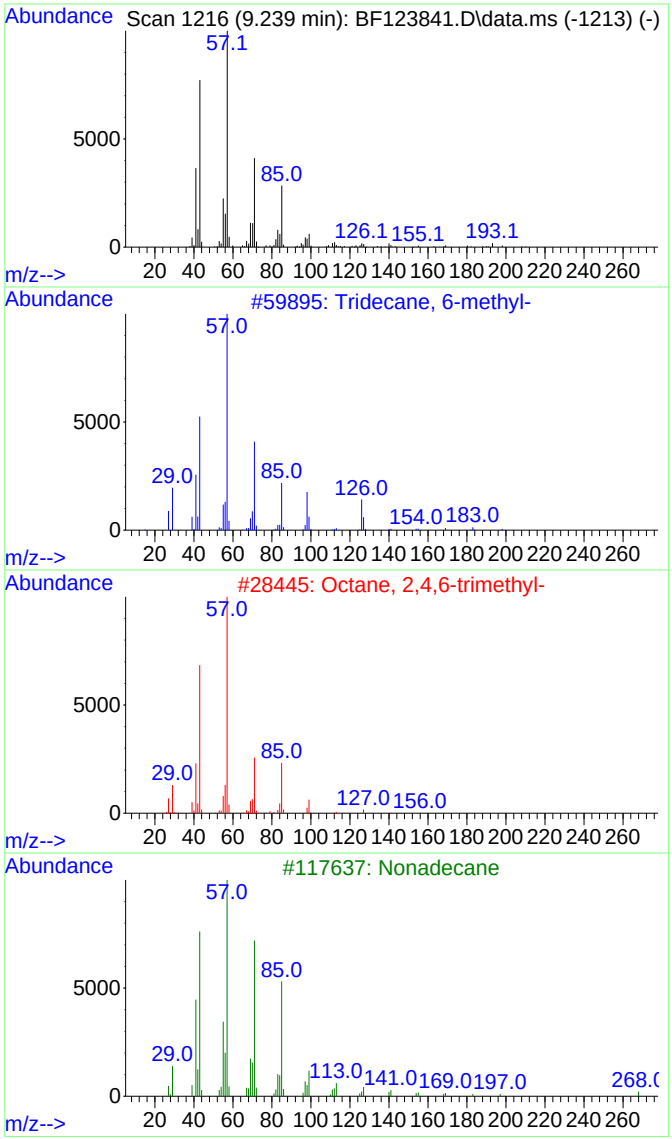
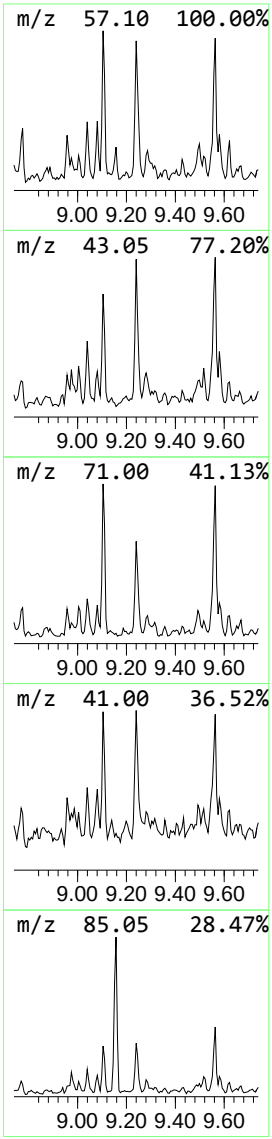
Peak Number 1 Tridecane, 6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	6.69 ng	688020	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Pentadecane	212	C15H32	000629-62-9	80
5	Hexadecane	226	C16H34	000544-76-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

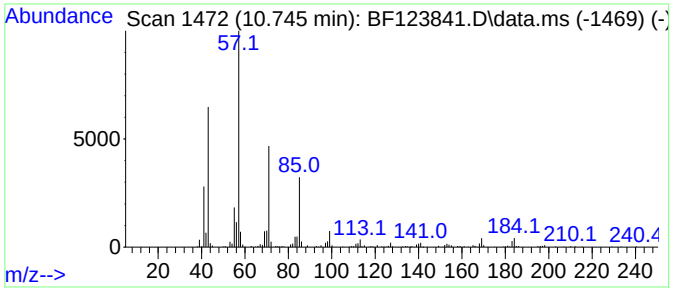
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

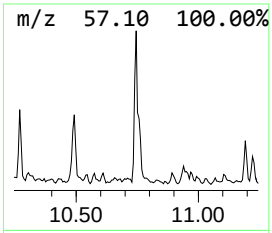
****

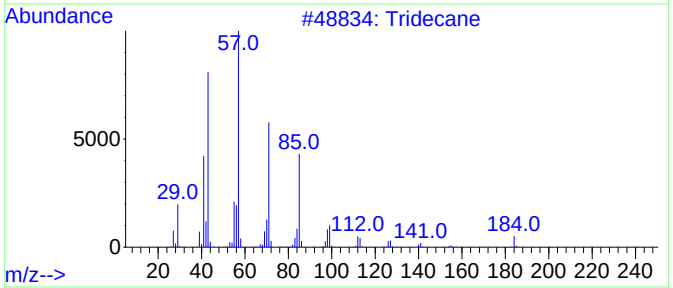
Peak Number 2 Tridecane Concentration Rank 18

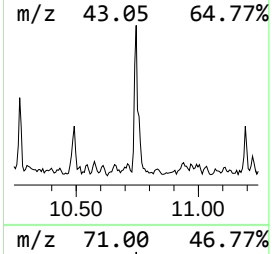
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	8.23 ng	697070	Phenanthrene-d10	11.322

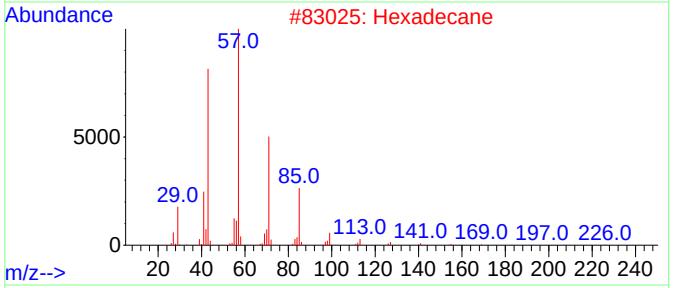
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72

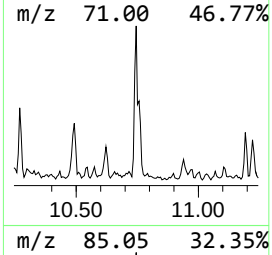


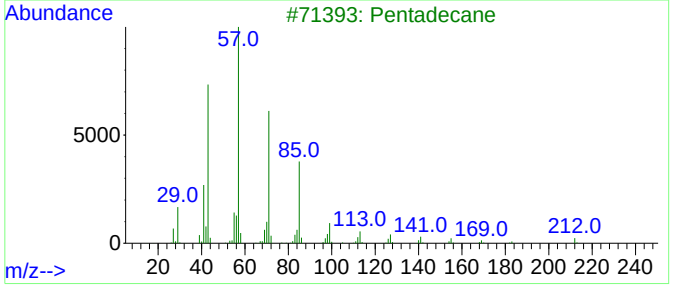


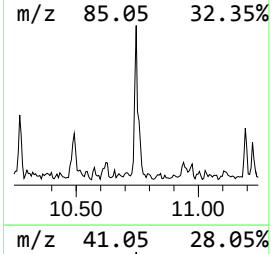


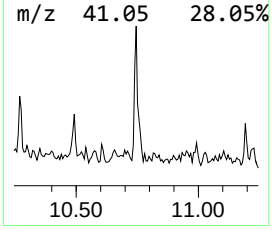












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

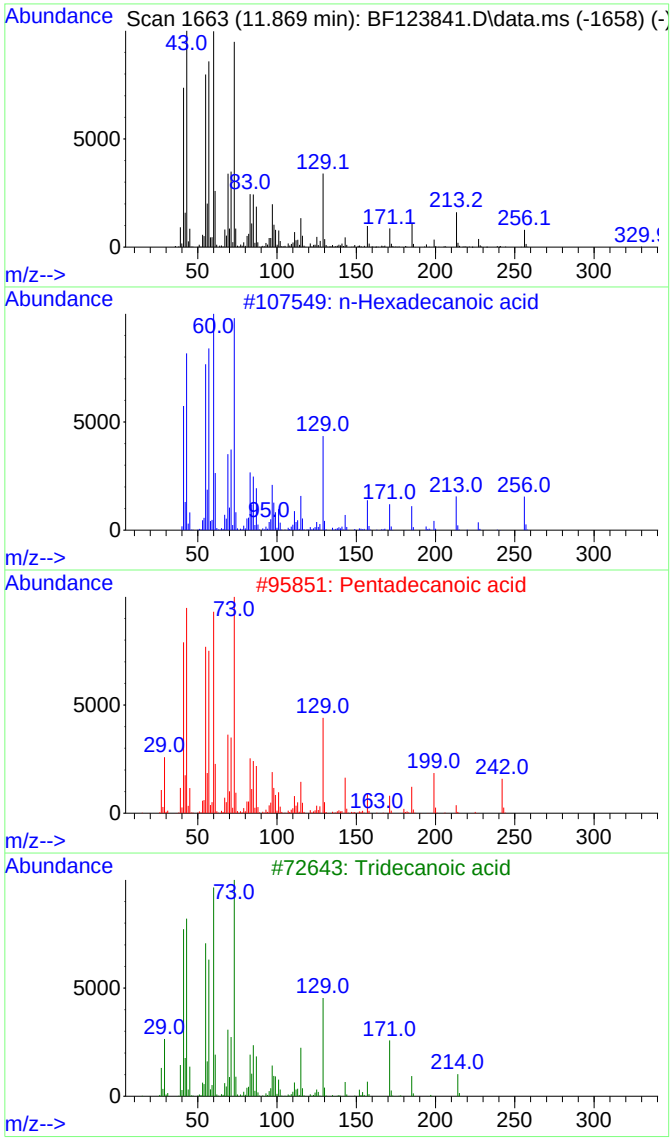
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

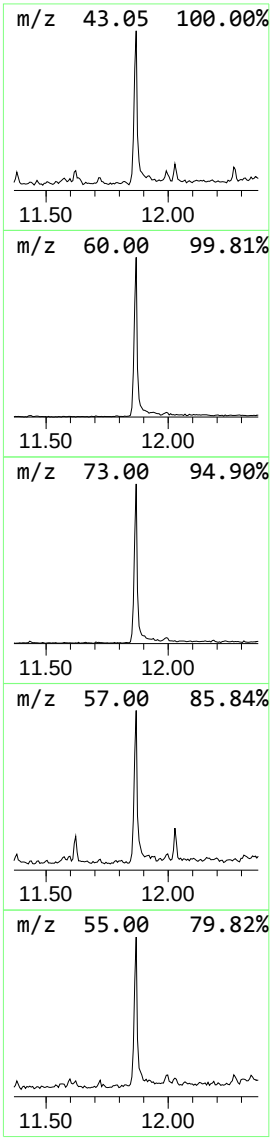
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	27.00 ng	2285340	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-13

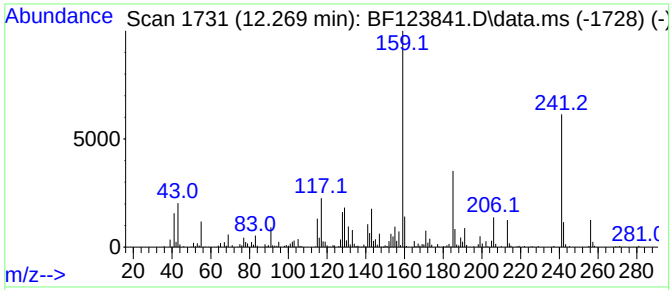
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

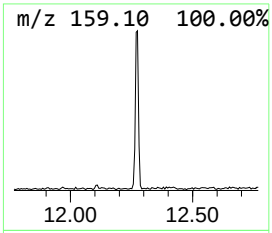
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

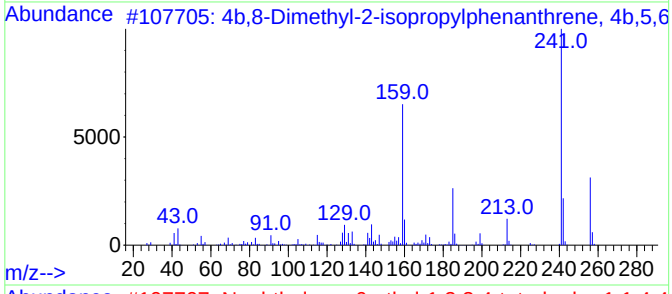
****
Peak Number 4 4b,8-Dimethyl-2-isopropylph... Concentration Rank 20

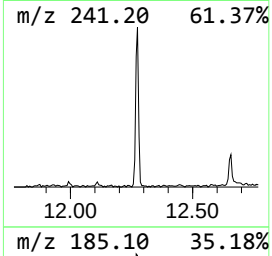
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.269	6.06 ng	513086	Phenanthrene-d10	11.322

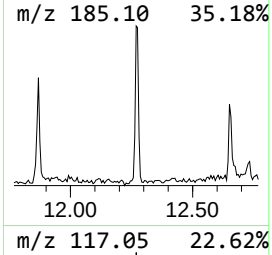
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	99
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
3	2-Pentyl-1H-quinolin-4-one	215	C14H17NO	109072-26-6	35
4	2,3,4-Trifluorobenzoic acid, oct...	286	C15H17F3O2	1000292-55-5	27
5	2-Naphthalenol, 8-amino-	159	C10H9NO	000118-46-7	27

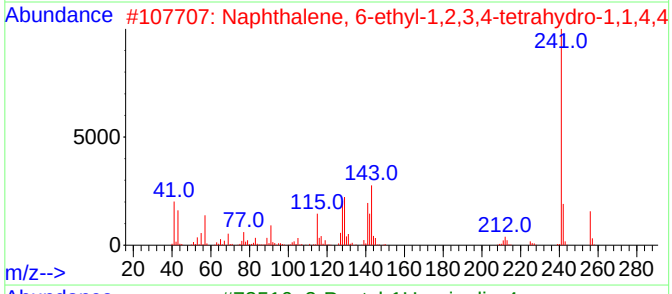


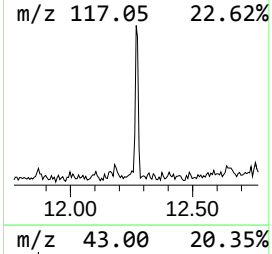


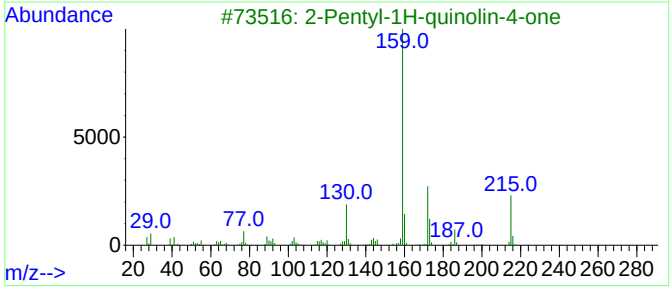


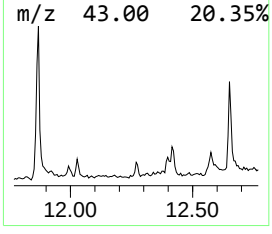












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Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-13

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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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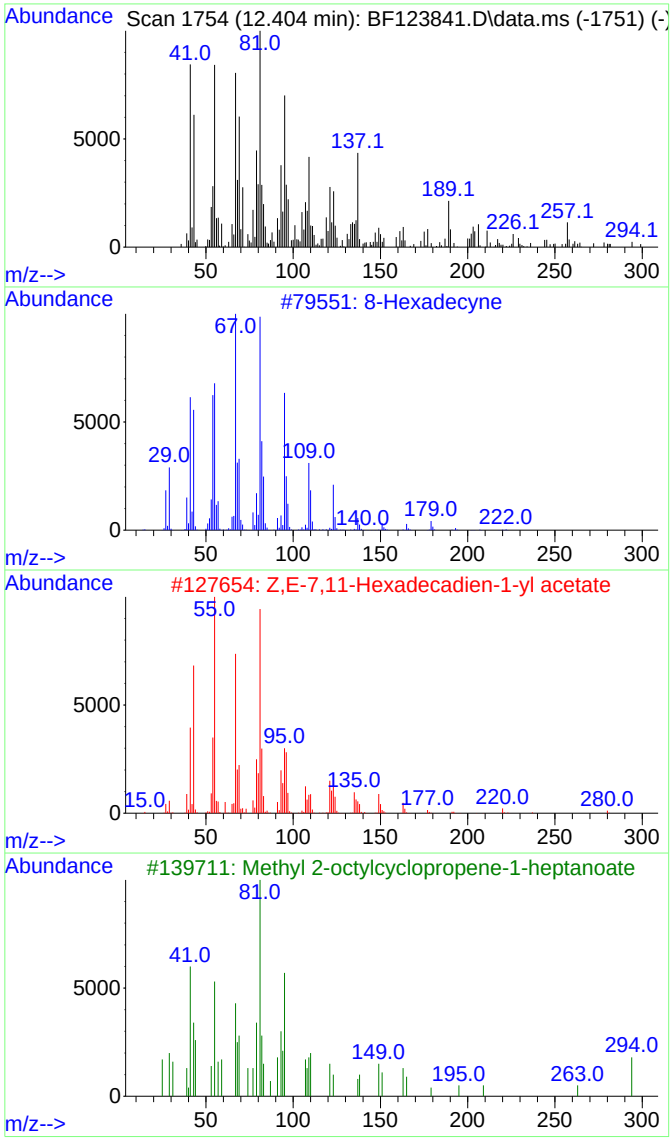
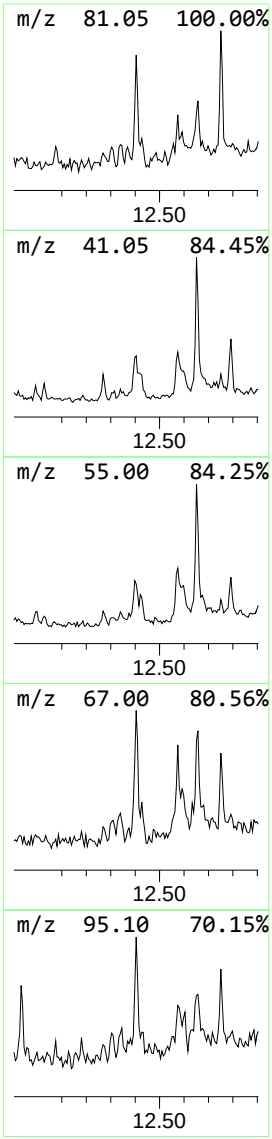
Peak Number 5 8-Hexadecyne Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	10.60 ng	897221	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Hexadecyne	222	C16H30	019781-86-3	76
2	Z,E-7,11-Hexadecadien-1-yl acetate	280	C18H32O2	051607-94-4	70
3	Methyl 2-octylcyclopropene-1-hep...	294	C19H34O2	005026-66-4	64
4	2,11-Dodecadiene, 4-chloro-	200	C12H21Cl	1000155-54-5	58
5	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	52





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ClientSampleId :
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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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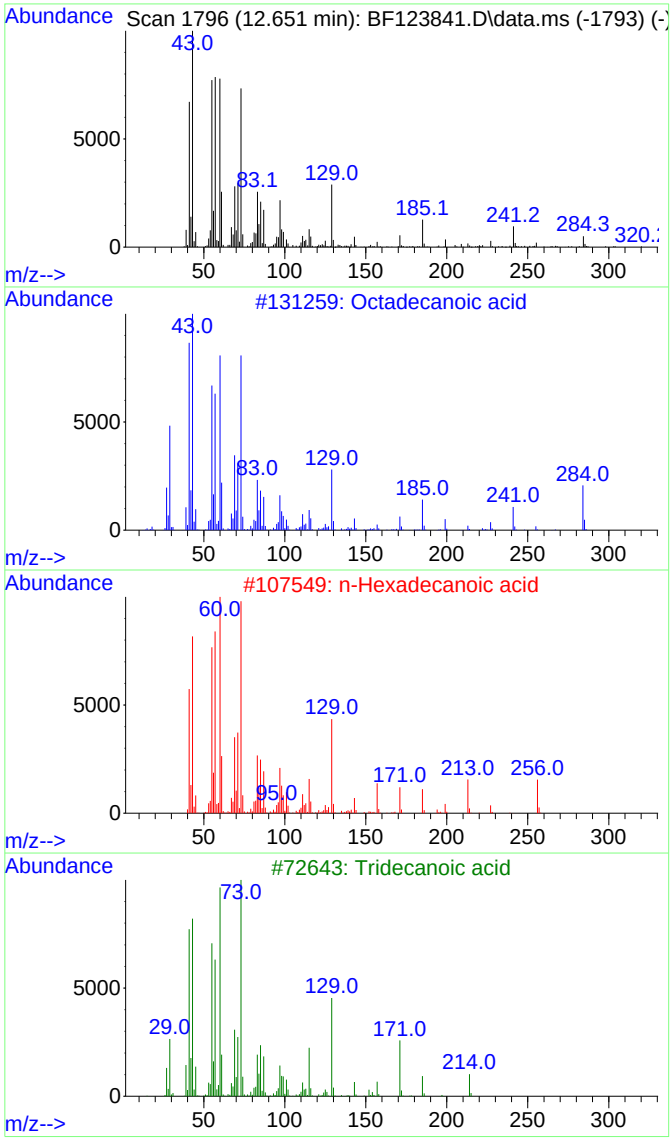
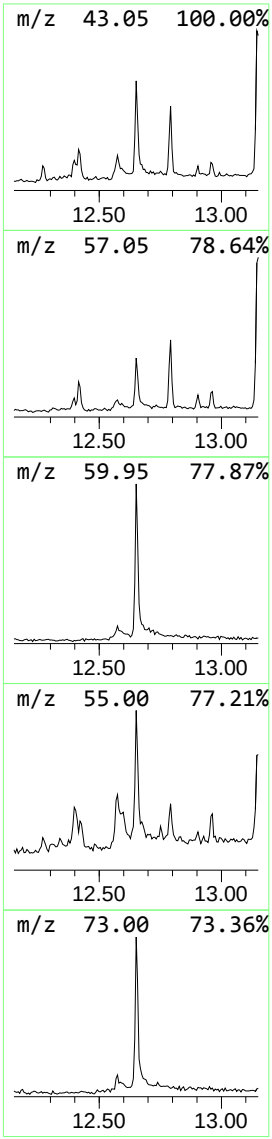
Peak Number 6 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	14.54 ng	1277320	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	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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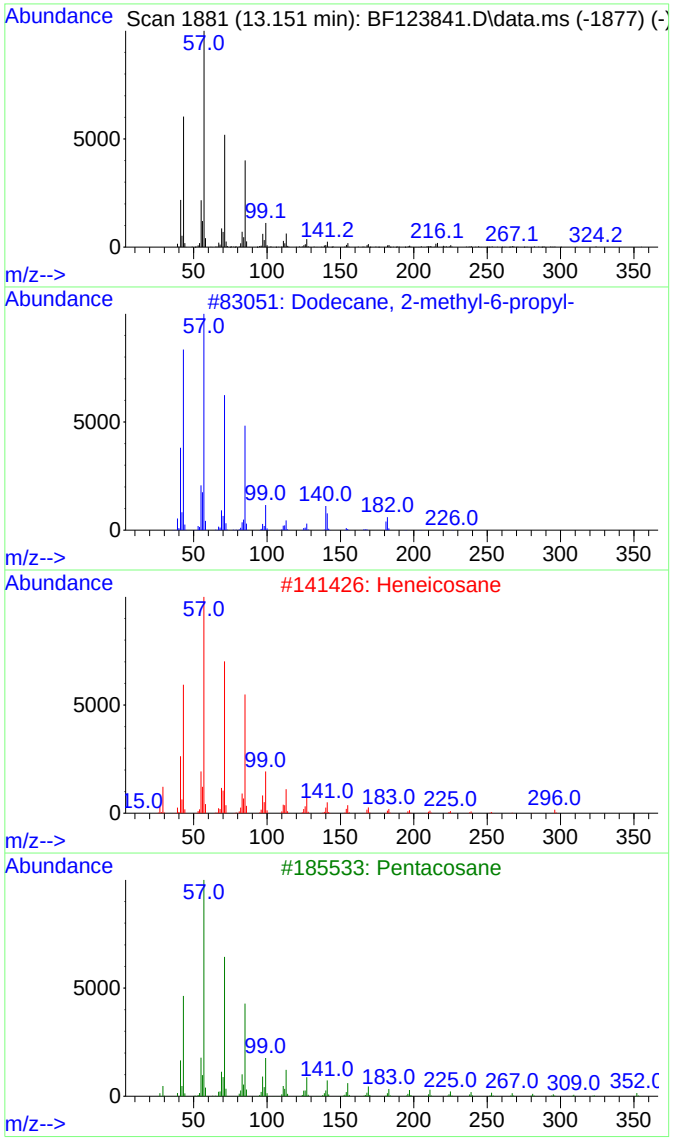
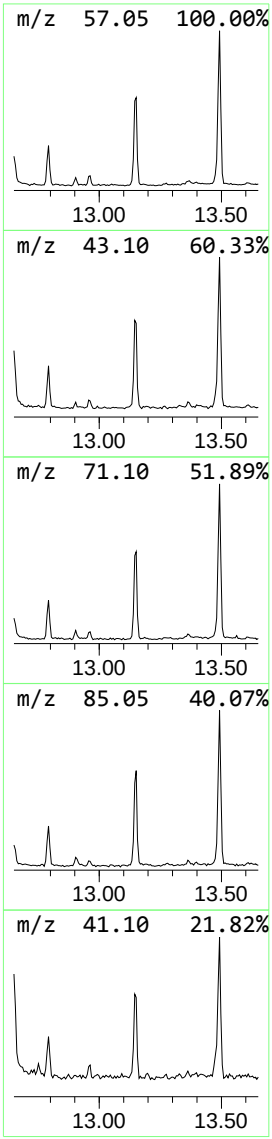
Peak Number 7 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	13.17 ng	1156670	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87





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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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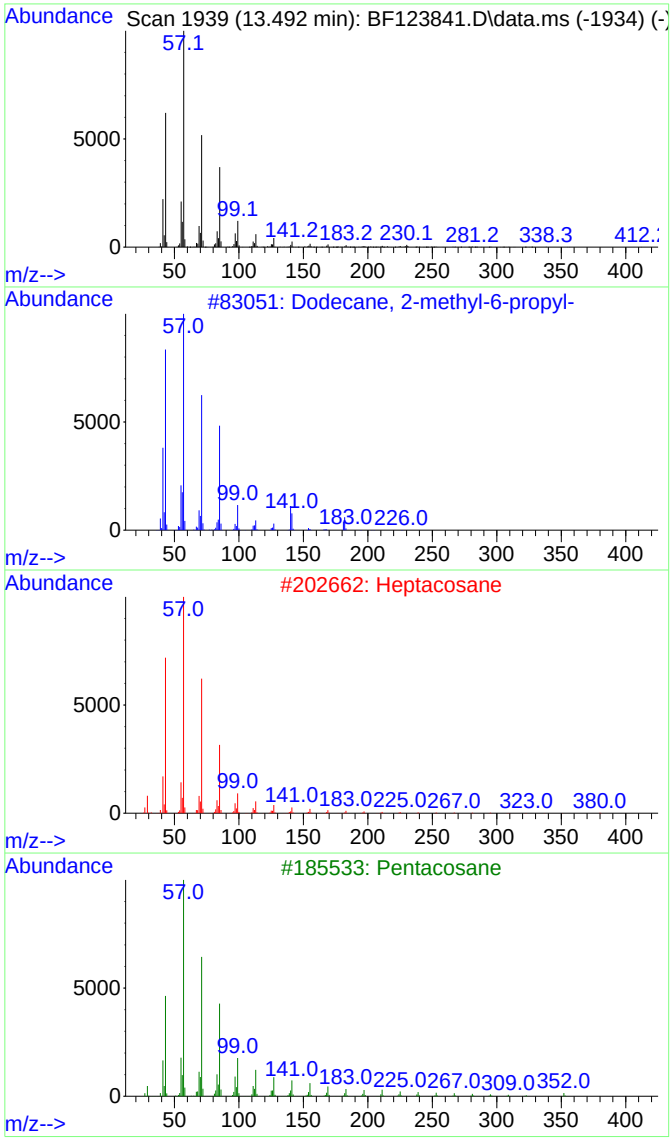
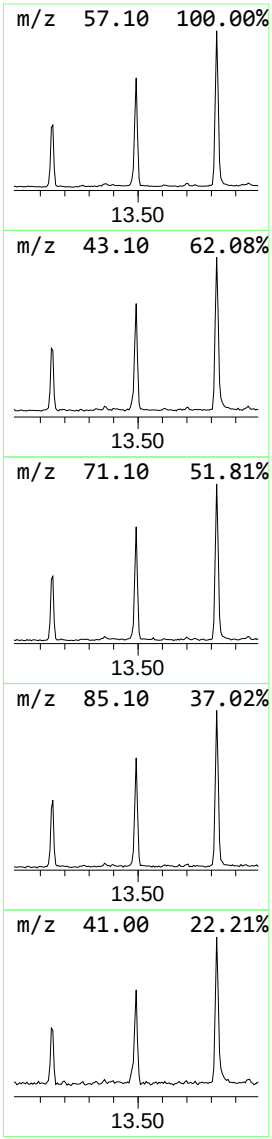
Peak Number 8 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.492	20.04 ng	1760010	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





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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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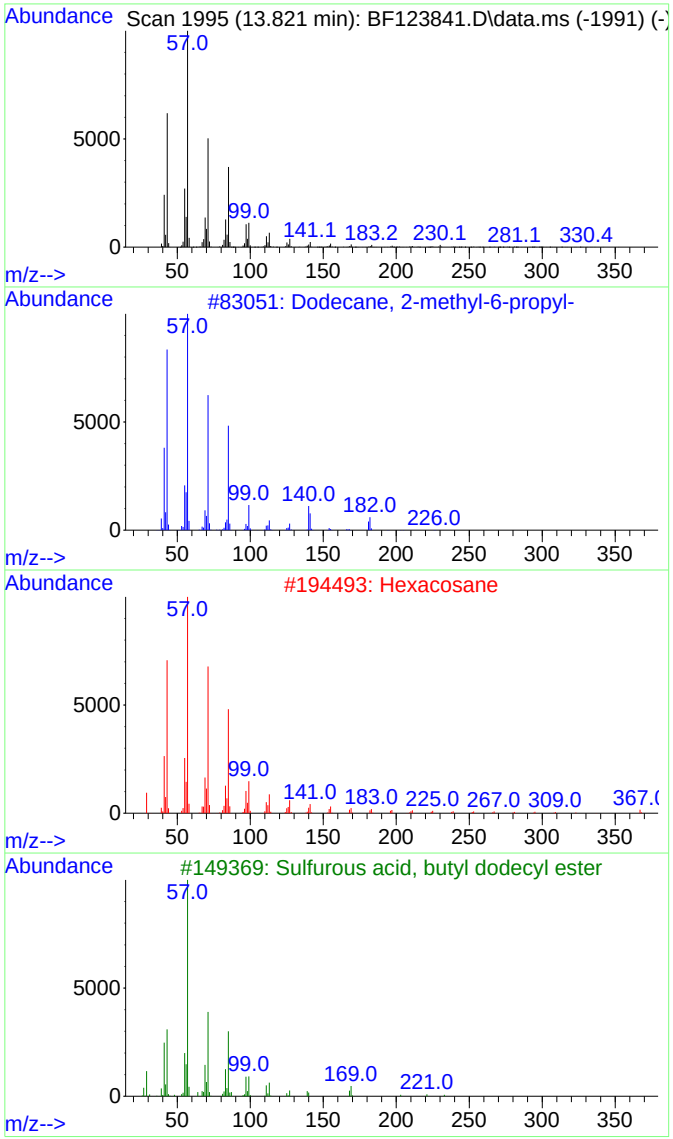
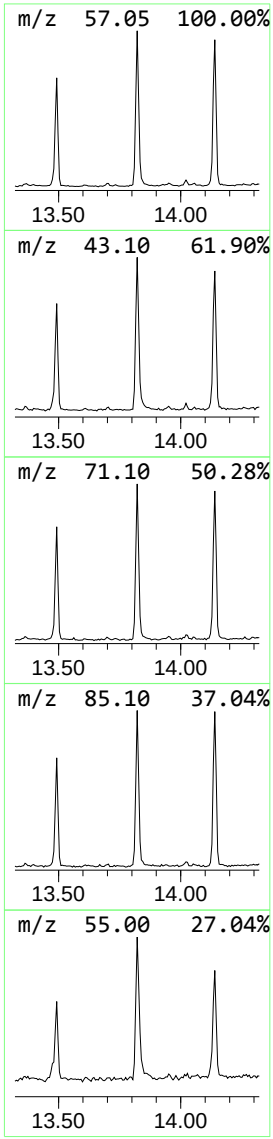
Peak Number 9 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	34.10 ng	2995020	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	91





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ALS Vial : 20 Sample Multiplier: 1

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

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

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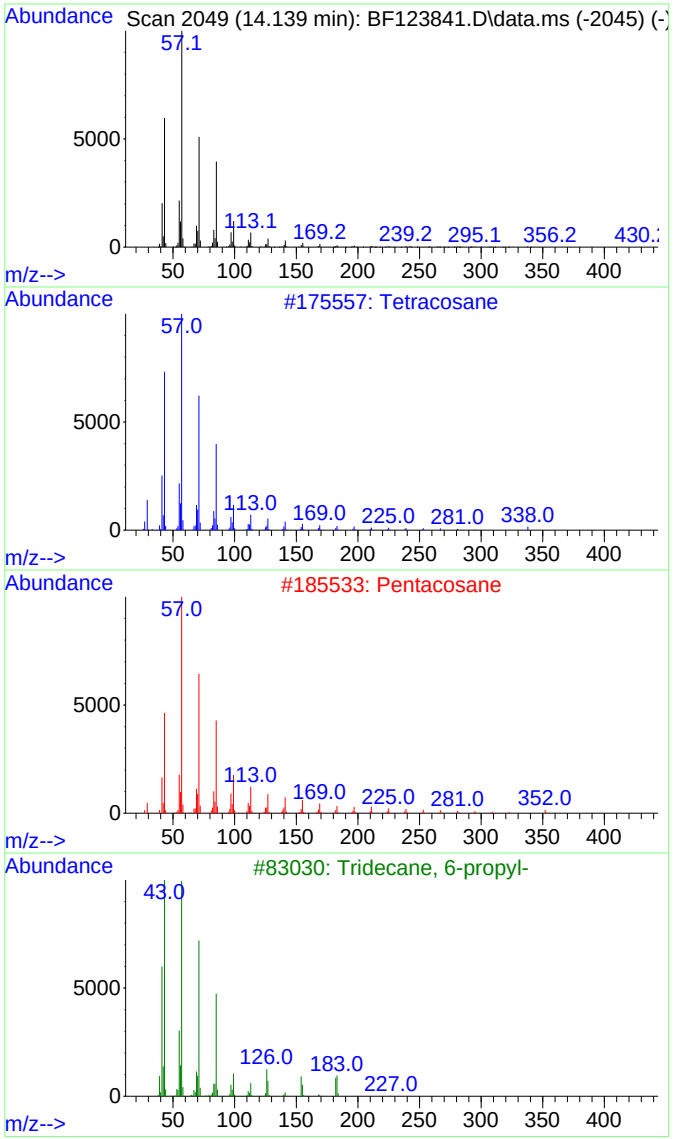
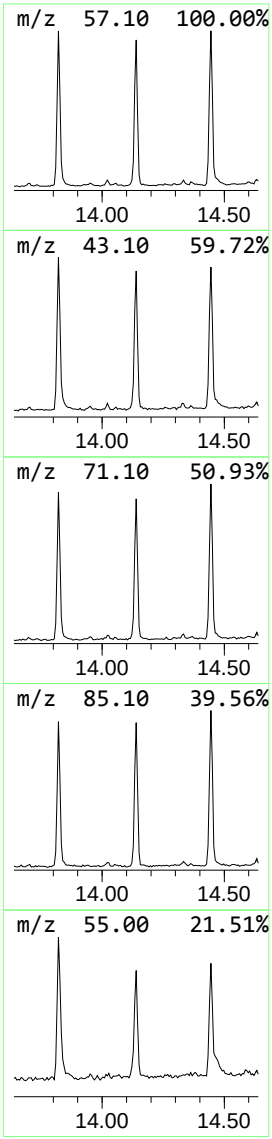
Peak Number 10 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.139	26.50 ng	2327360	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Pentacosane	352	C25H52	000629-99-2	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

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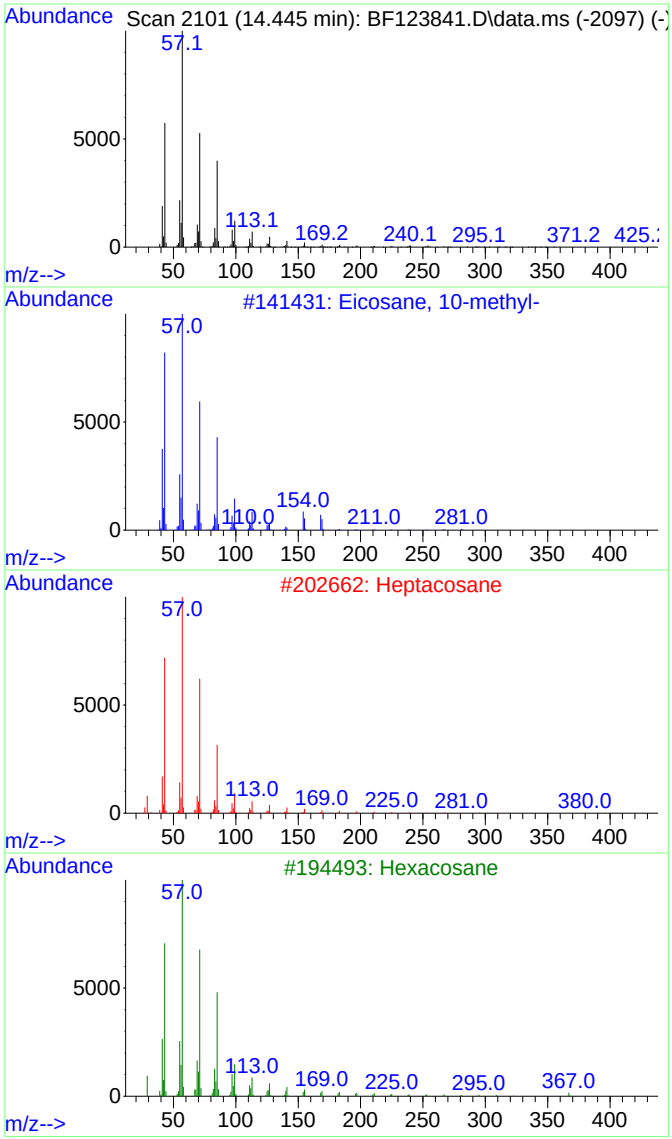
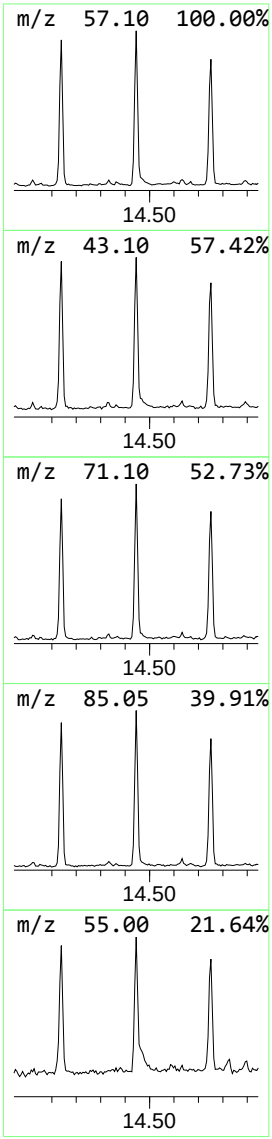
Peak Number 11 Eicosane, 10-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.445	32.06 ng	2815890	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90





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ALS Vial : 20 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

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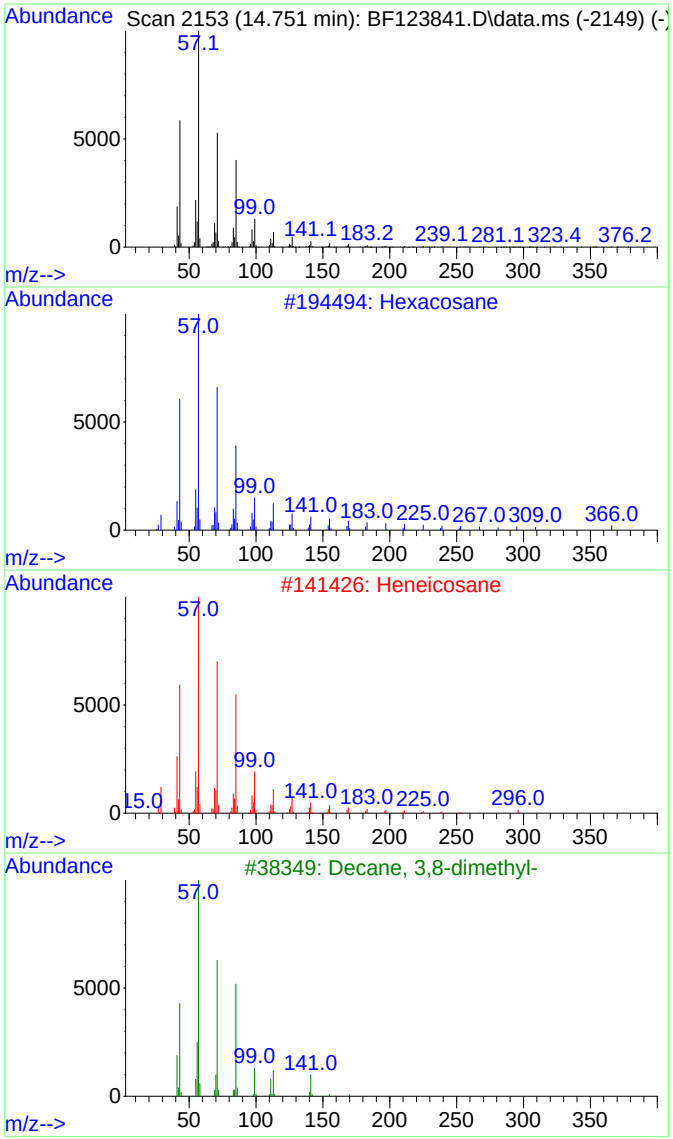
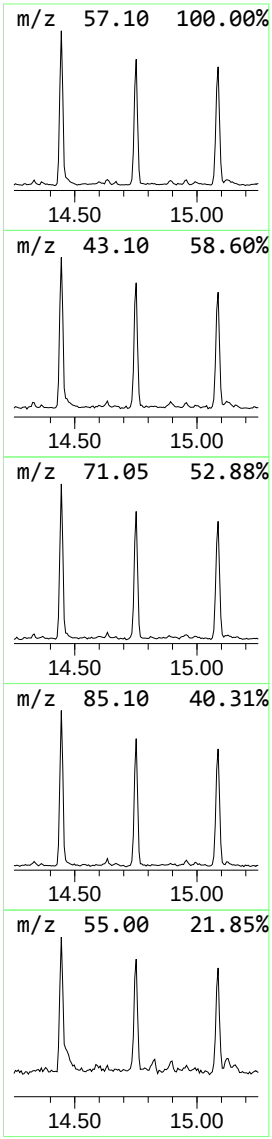
Peak Number 12 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	47.00 ng	2235680	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





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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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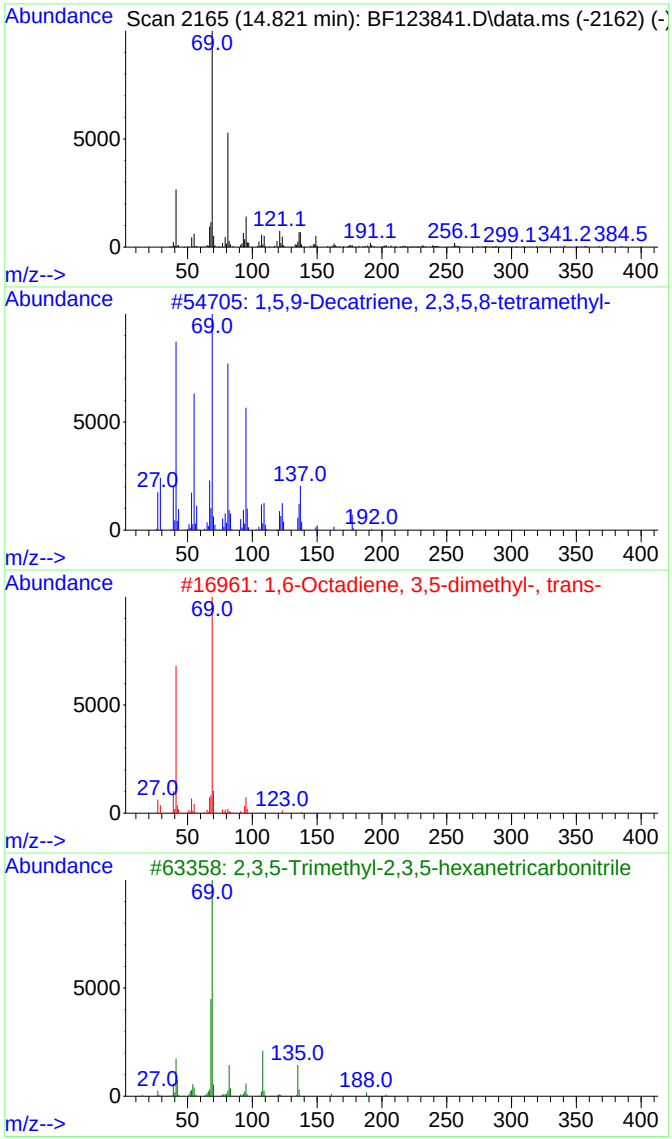
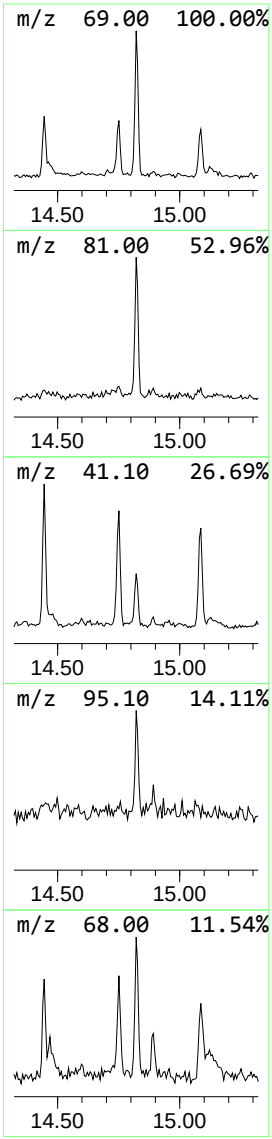
Peak Number 13 1,5,9-Decatriene, 2,3,5,8-t... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	11.45 ng	544488	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64
2	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59
3	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	59
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	53
5	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	50





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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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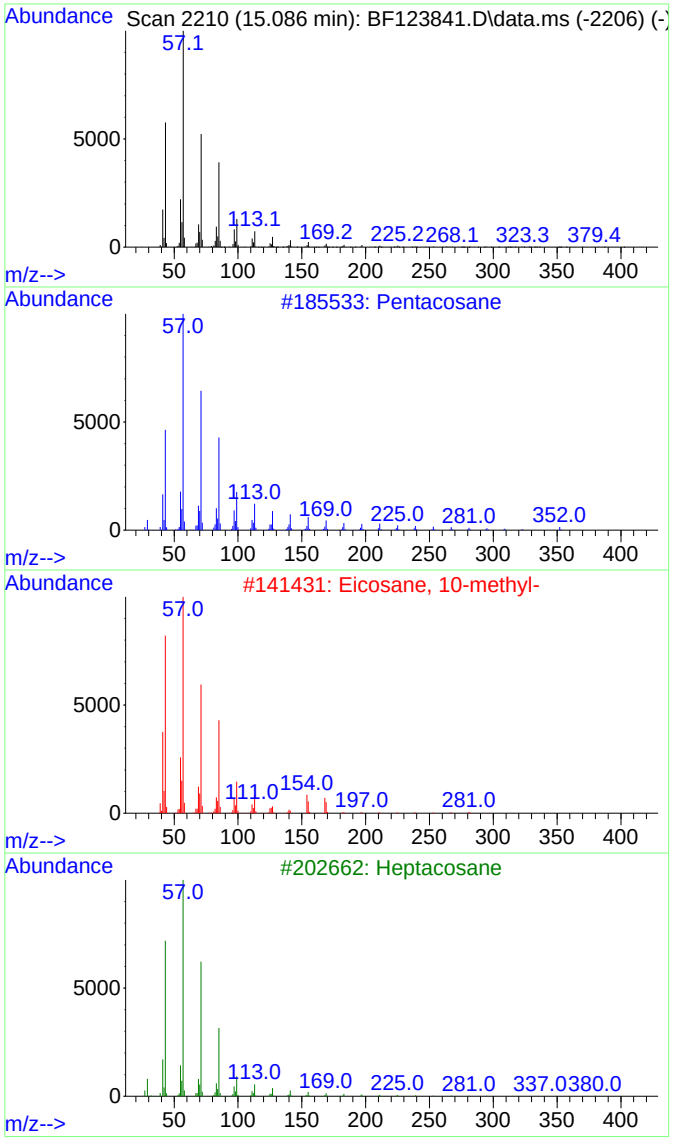
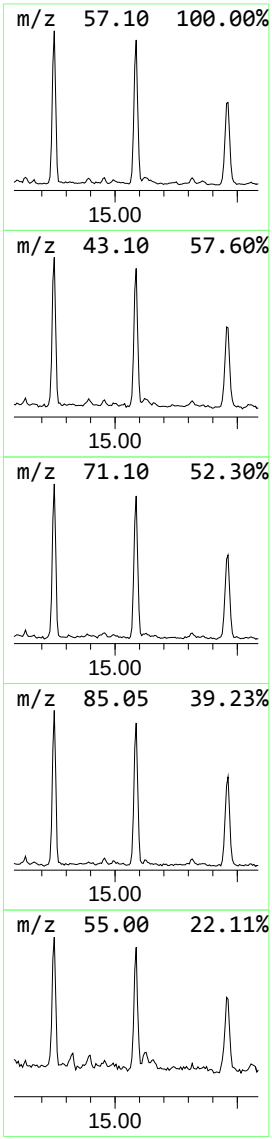
Peak Number 14 Pentacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	48.49 ng	2306920	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90





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Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

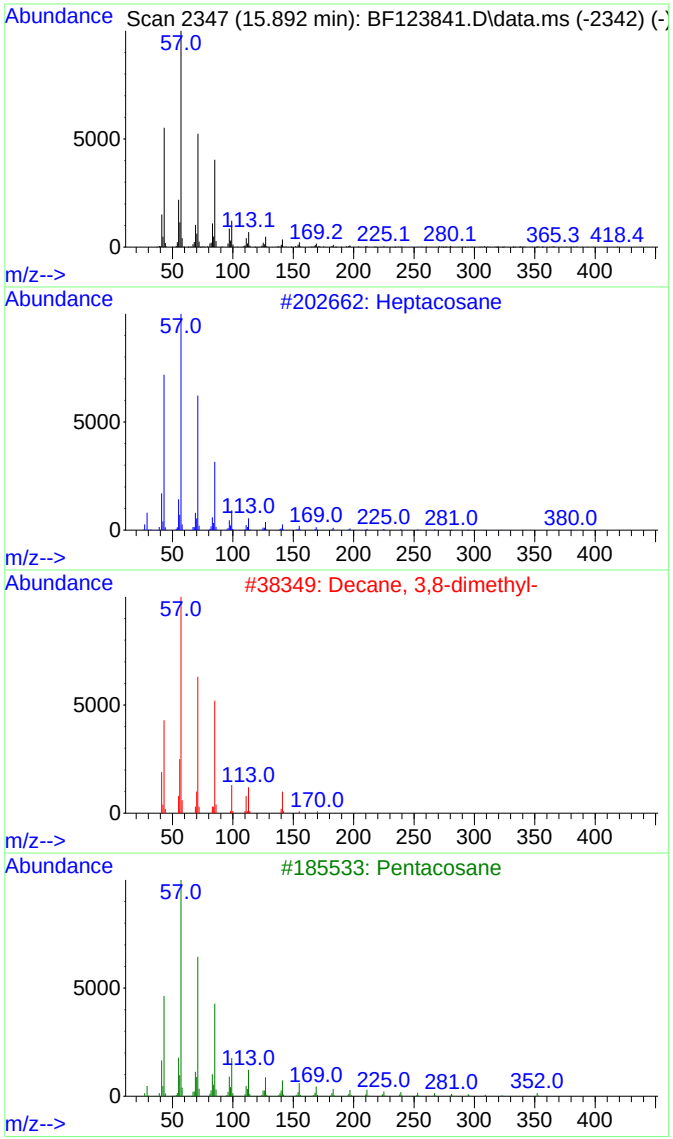
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

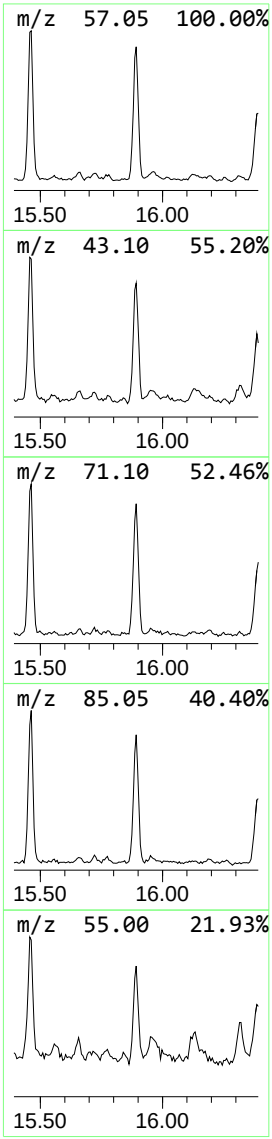
****

Peak Number 15 Decane, 3,8-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.892	32.95 ng	1567660	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Eicosane	282	C20H42	000112-95-8	74





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Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

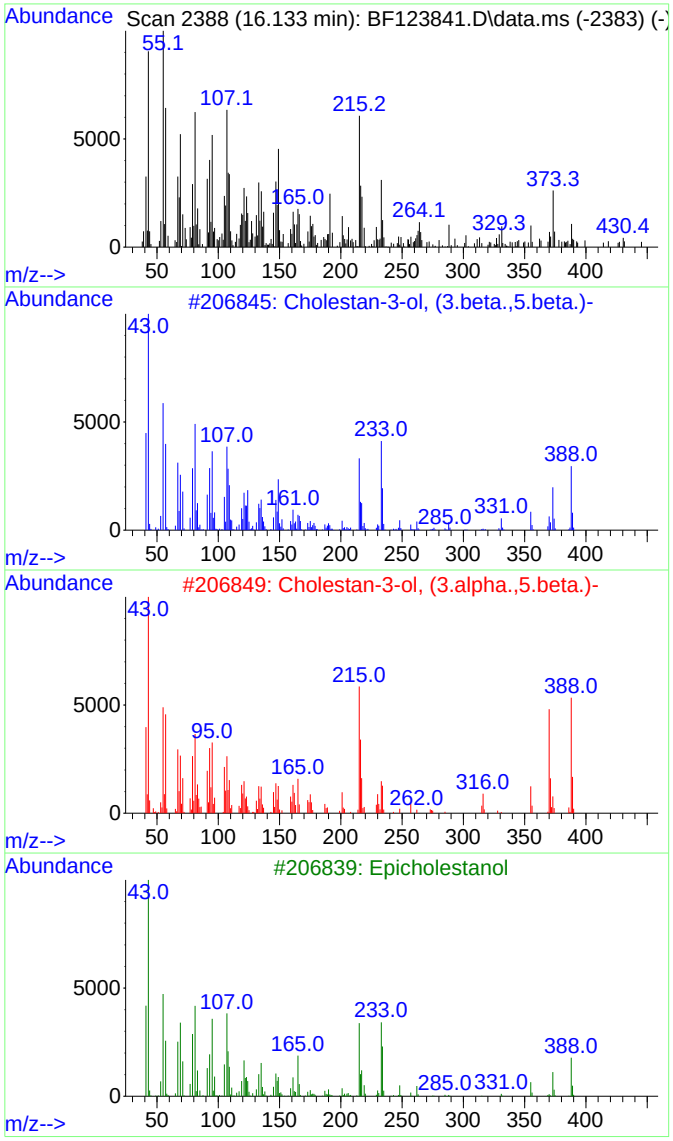
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

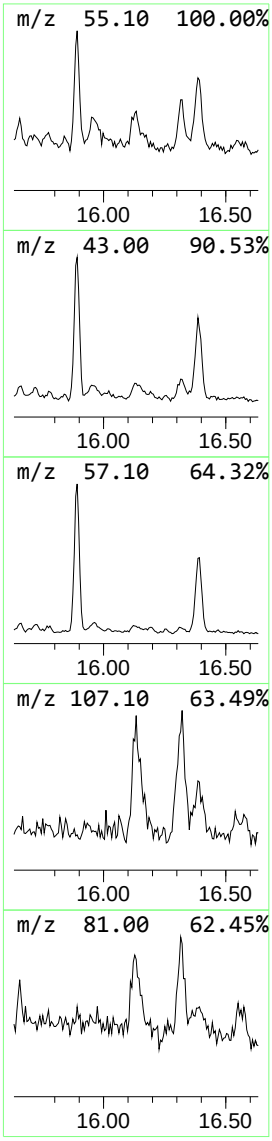
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.133	23.43 ng	1114570	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	64
2	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	55
3	Epicholestanol	388	C27H48O	000516-95-0	53
4	Methyl 3-hydroxybisnorallocholanate	362	C23H38O3	1000251-88-5	50
5	Cholestan-3-ol	388	C27H48O	027409-41-2	49





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Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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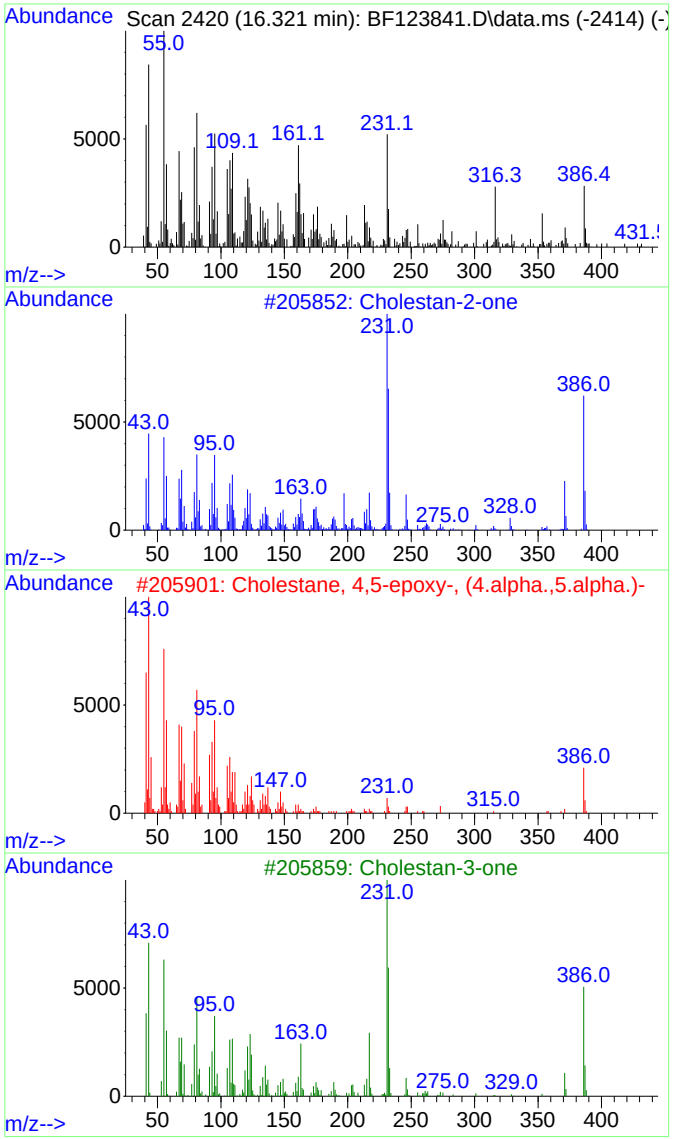
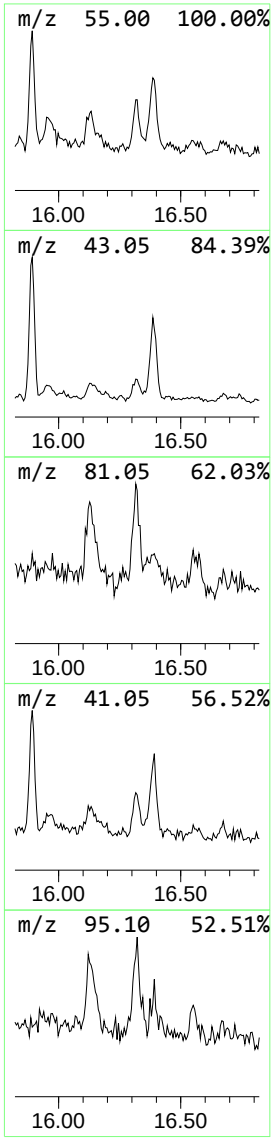
Peak Number 17 Cholestan-2-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.321	19.16 ng	911604	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-2-one	386	C27H46O	1000210-43-4	86
2	Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	66
3	Cholestan-3-one	386	C27H46O	015600-08-5	62
4	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	53
5	Cholesterol	386	C27H46O	000057-88-5	52





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Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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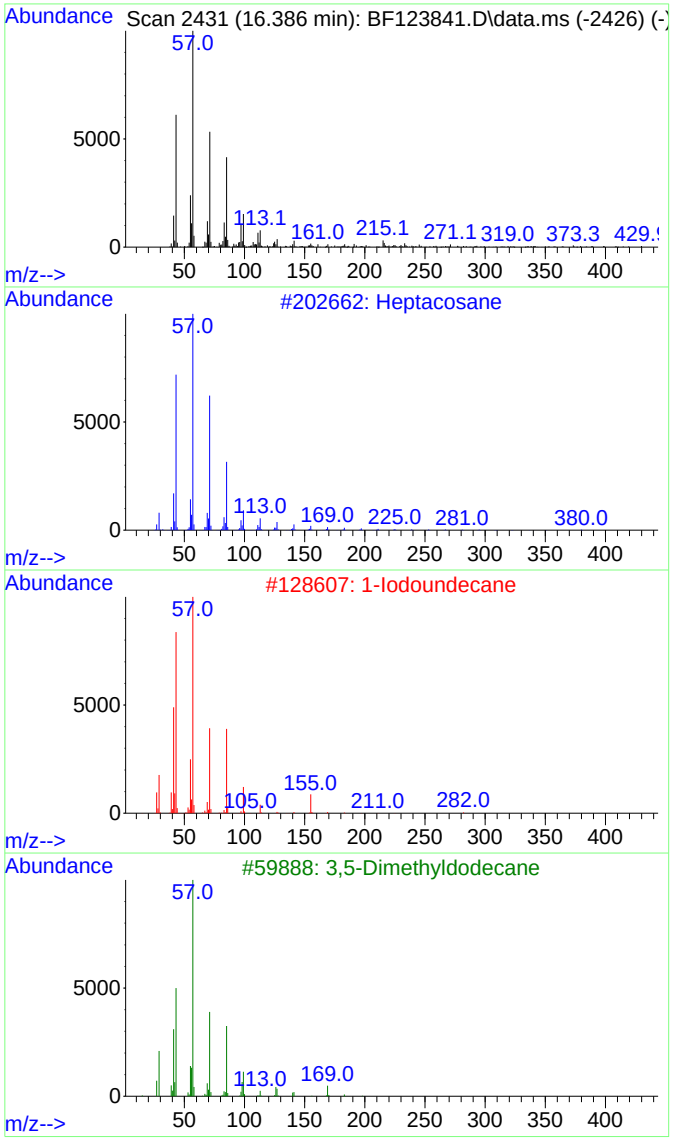
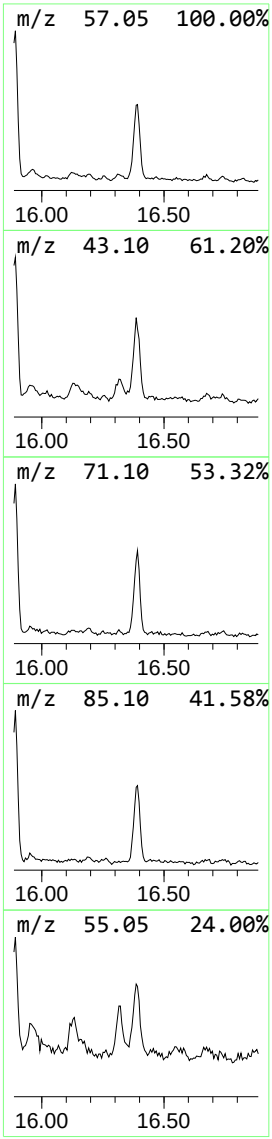
Peak Number 18 1-Iodoundecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.386	27.67 ng	1316120	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	92
2	1-Iodoundecane	282	C11H23I	004282-44-4	81
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	80
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
5	Octacosane	394	C28H58	000630-02-4	58





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Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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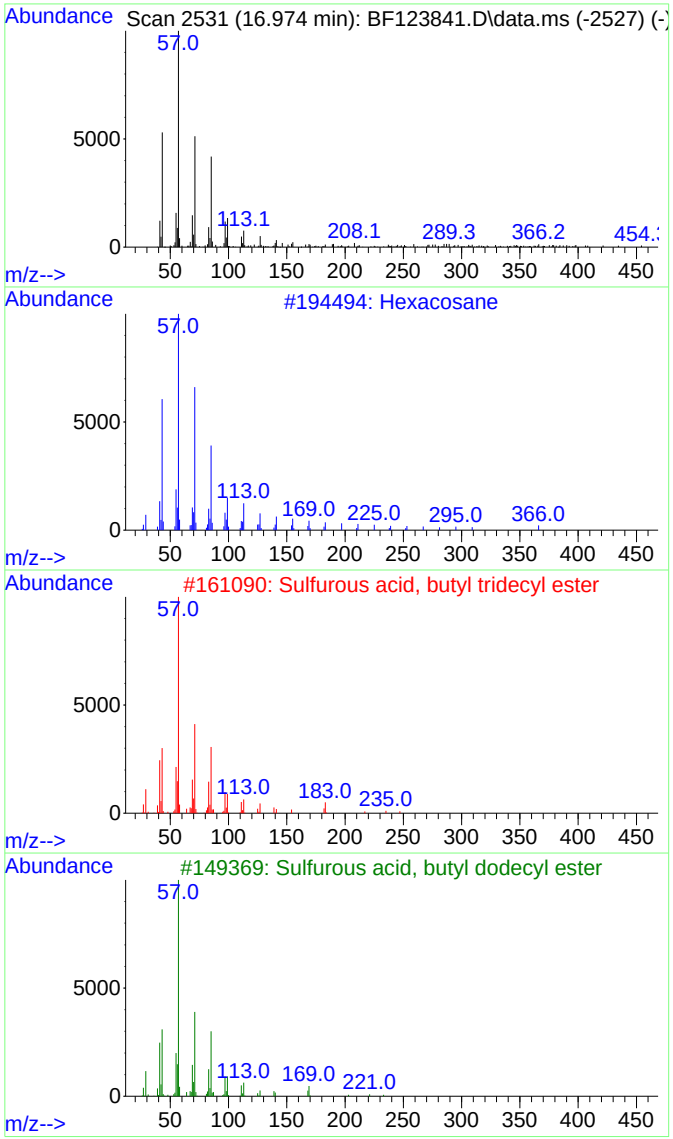
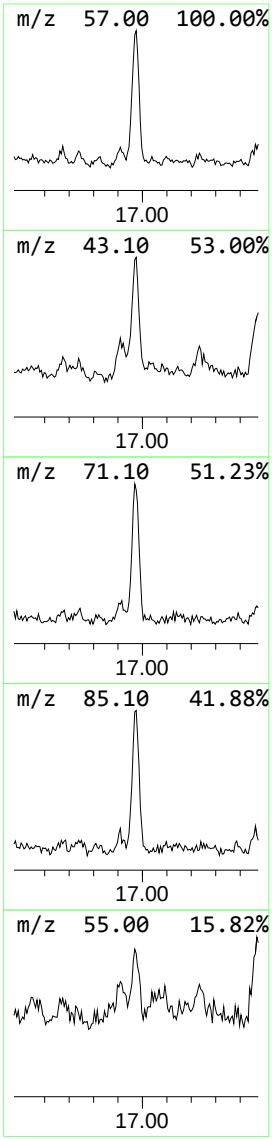
Peak Number 19 Sulfurous acid, butyl tride... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.974	12.33 ng	586669	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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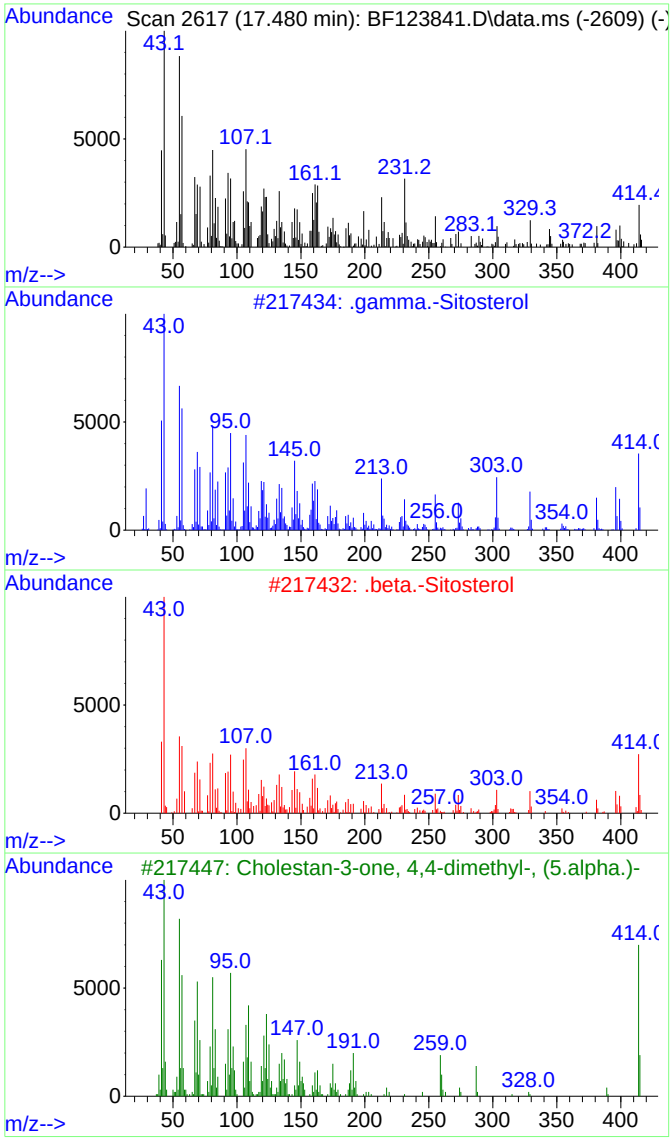
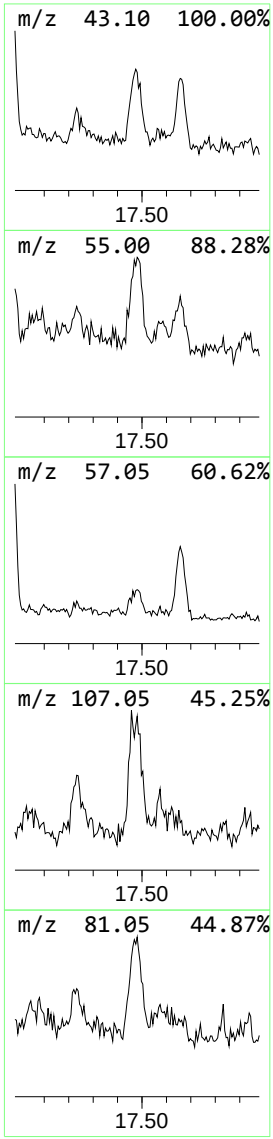
Peak Number 20 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.480	28.56 ng	1358720	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
3	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	44
4	Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	38
5	5.beta.-Cholan-24-oic acid, 3-oxo-	374	C24H38O3	001553-56-6	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123841.D
Acq On : 5 May 2021 22:22
Operator : JU/CG
Sample : M2279-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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
Tridecane, 6-me...	9.239	6.7	ng	688020	3	9.833	2057610	20.0
Tridecane	10.745	8.2	ng	697070	4	11.322	1692990	20.0
n-Hexadecanoic ...	11.869	27.0	ng	2285340	4	11.322	1692990	20.0
4b,8-Dimethyl-2...	12.269	6.1	ng	513086	4	11.322	1692990	20.0
8-Hexadecyne	12.404	10.6	ng	897221	4	11.322	1692990	20.0
Octadecanoic acid	12.651	14.5	ng	1277320	5	13.969	1756760	20.0
Dodecane, 2-met...	13.151	13.2	ng	1156670	5	13.969	1756760	20.0
Heptacosane	13.492	20.0	ng	1760010	5	13.969	1756760	20.0
Hexacosane	13.822	34.1	ng	2995020	5	13.969	1756760	20.0
Tetracosane	14.139	26.5	ng	2327360	5	13.969	1756760	20.0
Eicosane, 10-me...	14.445	32.1	ng	2815890	5	13.969	1756760	20.0
Heneicosane	14.751	47.0	ng	2235680	6	15.427	951418	20.0
1,5,9-Decatrien...	14.821	11.4	ng	544488	6	15.427	951418	20.0
Pentacosane	15.086	48.5	ng	2306920	6	15.427	951418	20.0
Decane, 3,8-dim...	15.892	33.0	ng	1567660	6	15.427	951418	20.0
Cholestan-3-ol,...	16.133	23.4	ng	1114570	6	15.427	951418	20.0
Cholestan-2-one	16.321	19.2	ng	911604	6	15.427	951418	20.0
1-Iodoundecane	16.386	27.7	ng	1316120	6	15.427	951418	20.0
Sulfurous acid,...	16.974	12.3	ng	586669	6	15.427	951418	20.0
.gamma.-Sitosterol	17.480	28.6	ng	1358720	6	15.427	951418	20.0