LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007886.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.452	360	368	376	rBV	2431680	3579380	18.95%	1.884%
2	7.046	629	639	644	rBV	1695494	2881399	15.25%	1.517%
3	7.517	713	719	725	rVB	237652	388803	2.06%	0.205%
4	7.864	771	778	783	rBV	546303	871881	4.62%	0.459%
5	8.240	836	842	849	rVB	223104	355258	1.88%	0.187%
6	8.511	882	888	895	rBV3	191688	345449	1.83%	0.182%
7	8.975	958	967	970	rVV	396132	676091	3.58%	0.356%
8	9.022	970	975	986	rVV2	1532009	3114956	16.49%	1.640%
9	9.499	1051	1056	1061	rBV	249575	387552	2.05%	0.204%
10	9.558	1061	1066	1077	rVB	277822	542741	2.87%	0.286%
11	9.863	1112	1118	1123	rBV4	132264	316666	1.68%	0.167%
12	9.916	1123	1127	1131	rBV2	220326	348579	1.85%	0.184%
13	10.069	1147	1153	1161	rVV3	789678	1540289	8.15%	0.811%
14	10.446	1212	1217	1223	rVV	441075	704056	3.73%	0.371%
15	10.658	1244	1253	1258	rVV2	941176	2030552	10.75%	1.069%
16	10.716	1258	1263	1270	rVV2	896403	1789737	9.47%	0.942%
17	10.781	1270	1274	1280	rVV	290281	534267	2.83%	0.281%
18	10.840	1280	1284	1289	rVV	202496	319851	1.69%	0.168%
19	11.328	1364	1367	1372	rVV	196291	318764	1.69%	0.168%
20	11.587	1405	1411	1419	rVB2	440983	802680	4.25%	0.423%
21	11.705	1426	1431	1437	rBV2	292205	543048	2.87%	0.286%
22	11.775	1438	1443	1449	rVB	383892	636901	3.37%	0.335%
23	11.857	1453	1457	1461	rBV	214846	334879	1.77%	0.176%
24	12.052	1485	1490	1494	rBV	241562	417926	2.21%	0.220%
25	12.216	1513	1518	1525	rVB3	306570	557369	2.95%	0.293%
26	12.328	1528	1537	1543	rVV	3414680	5496318	29.10%	2.894%
27	12.387	1543	1547	1551	rVV	256591	387590	2.05%	0.204%
28	12.546	1564	1574	1580	rVV	3479737	5732222	30.35%	3.018%
29	12.640	1581	1590	1597	rVB	1021056	2345736	12.42%	1.235%
30	12.846	1620	1625	1632	rVB	453133	821630	4.35%	0.433%
31	12.957	1633	1644	1649	rBV	709533	1274283	6.75%	0.671%
32	13.052	1656	1660	1664	rVB	298648	393786	2.08%	0.207%
33	13.128	1666	1673	1678	rVB	3769441	5665000	29.99%	2.982%
34	13.310	1698	1704	1711	rBV2	430568	902860	4.78%	0.475%
35	13.463	1727	1730	1735	rVV2	307918	474794	2.51%	0.250%
36	13.534	1737	1742	1754	rVB	595860	1372283	7.26%	0.722%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.634	1755	1759	1760	rBV	497140	582431	3.08%	0.307%
38	13.669	1760	1765	1771	rVV3	1618200	4065393	21.52%	2.140%
39	13.716	1771	1773	1781	rVB	534029	809952	4.29%	0.426%
40	13.828	1785	1792	1796	rVV	2217758	4129029	21.86%	2.174%
41	13.875	1796	1800	1807	rVB2	1714976	2624658	13.89%	1.382%
42	13.999	1817	1821	1826	rVV4	445629	613269	3.25%	0.323%
43	14.057	1826	1831	1835	rVV	852092	1343570	7.11%	0.707%
44	14.093	1835	1837	1843	rVB2	343291	427012	2.26%	0.225%
45	14.222	1854	1859	1865	rBV	507267	813080	4.30%	0.428%
46	14.504	1899	1907	1913	rBV2	1175050	2356637	12.48%	1.241%
47	14.669	1931	1935	1938	rVV3	536197	870289	4.61%	0.458%
48	14.716	1939	1943	1952	rVB2	659753	1540401	8.15%	0.811%
49	14.822	1953	1961	1964	rBV5	263271	637327	3.37%	0.336%
50	14.904	1969	1975	1982	rVV2	763648	1329211	7.04%	0.700%
51	14.981	1983	1988	1994	rVV2	633848	1060490	5.61%	0.558%
52	15.040	1994	1998	2005	rVB6	222265	407271	2.16%	0.214%
53	15.128	2007	2013	2017	rBV2	763886	1256926	6.65%	0.662%
54	15.175	2017	2021	2025	rVB	442109	524872	2.78%	0.276%
55	15.293	2035	2041	2044	rBV2	286715	604999	3.20%	0.319%
56	15.328	2044	2047	2052	rVB2	595324	918085	4.86%	0.483%
57	15.398	2053	2059	2061	rBV	465087	766212	4.06%	0.403%
58	15.428	2061	2064	2077	rVB4	614472	1274192	6.75%	0.671%
59	15.546	2080	2084	2088	rVB2	263777	388815	2.06%	0.205%
60	15.675	2102	2106	2110	rVB2	501140	618741	3.28%	0.326%
61	15.769	2117	2122	2130	rBV5	590390	1288270	6.82%	0.678%
62	15.993	2154	2160	2167	rVB	3177561	4908885	25.99%	2.584%
63	16.140	2182	2185	2187	rBV	243265	306786	1.62%	0.162%
64	16.163	2187	2189	2196	rVB2	289412	449129	2.38%	0.236%
65	16.234	2196	2201	2202	rBV2	544871	788994	4.18%	0.415%
66	16.251	2202	2204	2209	rVB	666475	860206	4.55%	0.453%
67	16.616	2262	2266	2268	rBV2	258658	385907	2.04%	0.203%
68	17.081	2342	2345	2353	rVB3	355356	598782	3.17%	0.315%
69	17.257	2370	2375	2379	rBV	1324217	2004013	10.61%	1.055%
70	17.298	2379	2382	2386	rVV	372248	532923	2.82%	0.281%
71	17.357	2388	2392	2403	rVV6	438900	1456241	7.71%	0.767%
72	17.457	2406	2409	2414	rVB	573267	804544	4.26%	0.424%
73	18.157	2524	2528	2535	rVV2	1197423	1973607	10.45%	1.039%
74	18.216	2535	2538	2548	rVB	498780	661211	3.50%	0.348%
75	18.416	2568	2572	2575	rBV	321372	472625	2.50%	0.249%
76	18.463	2576	2580	2583	rBV	620465	832125	4.41%	0.438%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
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Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.545	2583	2594	2602	rVB2	2131561	7327010	38.79%	3.857%
78	18.657	2604	2613	2614	rBV	2407423	4199276	22.23%	2.211%
79	18.781	2626	2634	2643	rVB	8242746	18889869	100.00%	9.945%
80	18.945	2656	2662	2671	rVB	660537	1453625	7.70%	0.765%
81	19.139	2689	2695	2704	rBV	308968	707277	3.74%	0.372%
82	19.404	2736	2740	2755	rVB	1191296	1905856	10.09%	1.003%
83	19.686	2780	2788	2798	rVB	1706759	3438962	18.21%	1.811%
84	19.839	2809	2814	2819	rVB	7887220	9459149	50.08%	4.980%
85	20.463	2914	2920	2927	rBV	2558252	3890049	20.59%	2.048%
86	20.581	2936	2940	2951	rVB	996057	1252677	6.63%	0.660%
87	20.828	2978	2982	2989	rVB2	212228	337592	1.79%	0.178%
88	21.133	3029	3034	3041	rVB	2717011	3951192	20.92%	2.080%
89	21.357	3067	3072	3078	rBV	1729925	2196044	11.63%	1.156%
90	21.780	3139	3144	3158	rVB	3037920	4475182	23.69%	2.356%
91	22.486	3257	3264	3274	rBV	1660480	3882396	20.55%	2.044%
92	23.286	3392	3400	3408	rBV	1474554	3680116	19.48%	1.937%
93	23.374	3408	3415	3428	rVB	1351469	3492594	18.49%	1.839%
94	23.580	3445	3450	3460	rVB3	498450	1091619	5.78%	0.575%
95	23.769	3476	3482	3490	rVB2	1259628	2625735	13.90%	1.382%
96	24.027	3522	3526	3536	rVB4	469827	1034345	5.48%	0.545%
97	24.198	3548	3555	3562	rVB	1397344	3181320	16.84%	1.675%
98	25.251	3727	3734	3746	rVB	979960	2855863	15.12%	1.504%
99	25.404	3754	3760	3776	rVB2	791360	2577190	13.64%	1.357%
100	26.127	3874	3883	3898	rVB2	1394157	4545597	24.06%	2.393%

Sum of corrected areas: 189943221

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
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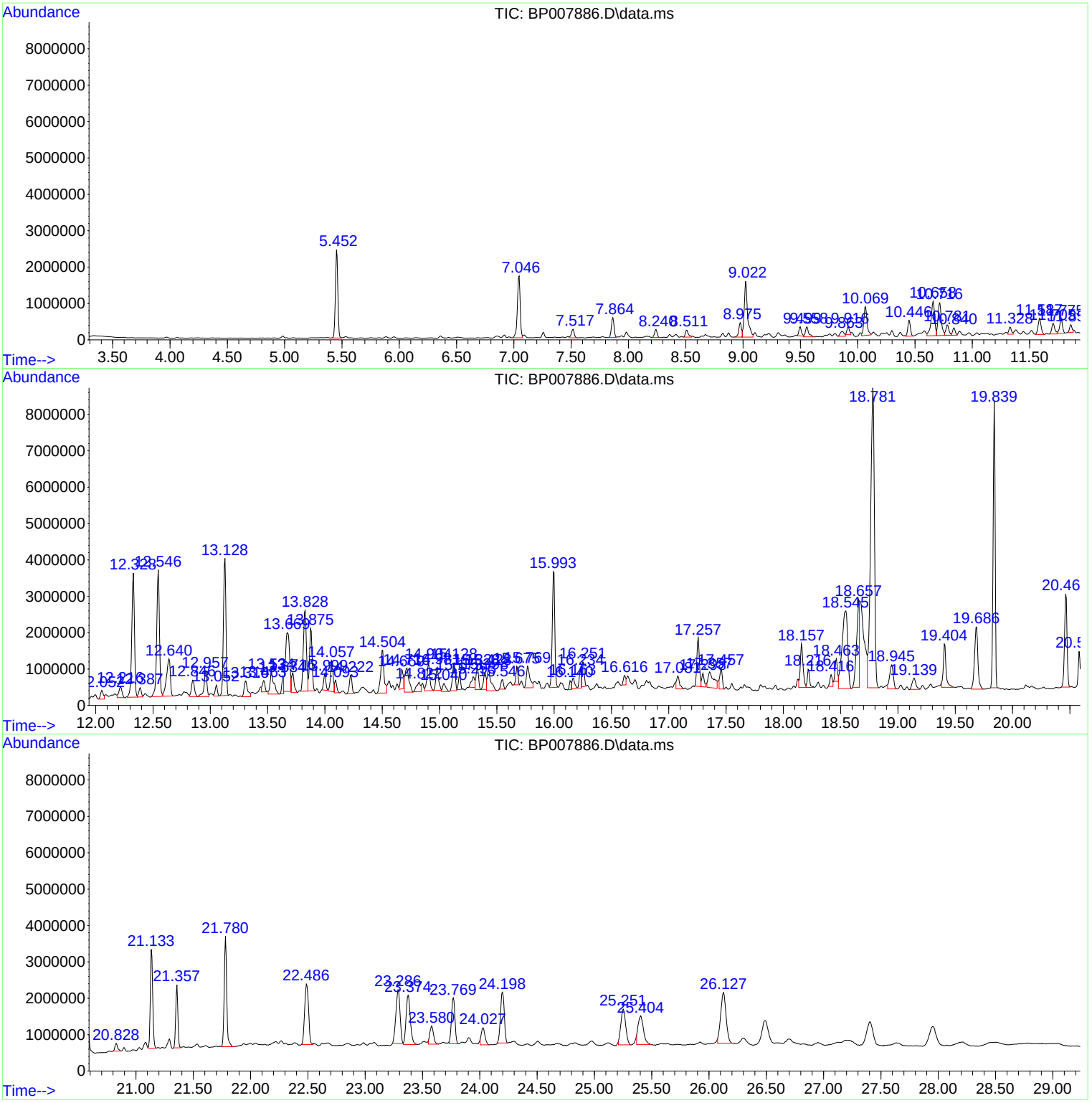
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
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Sample : M4578-02
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

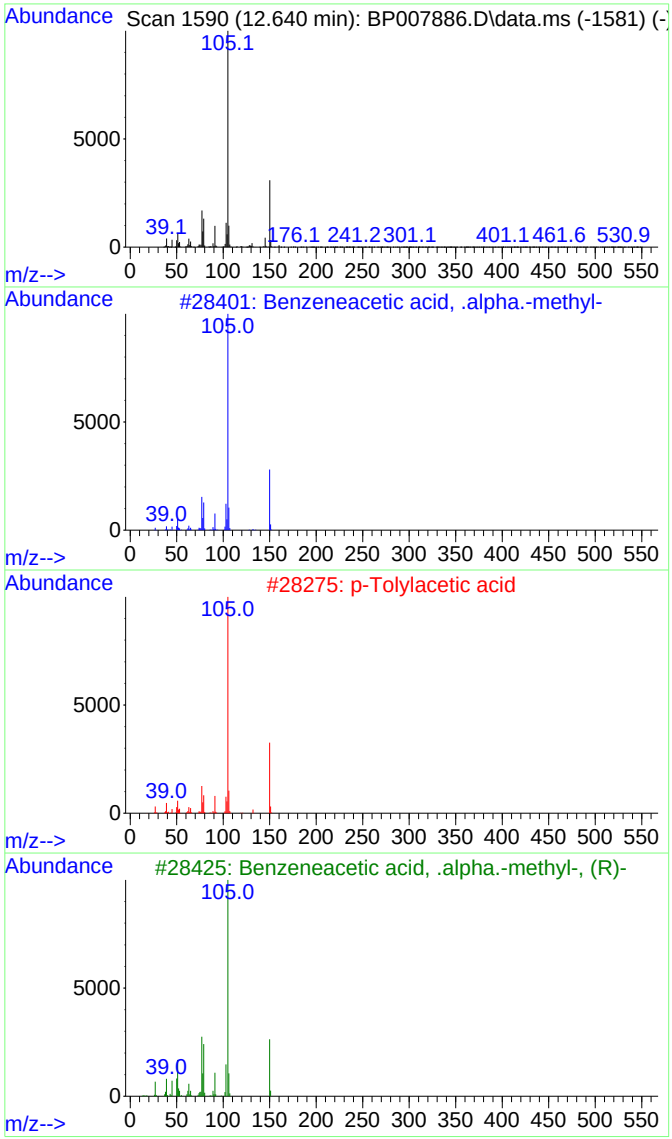
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

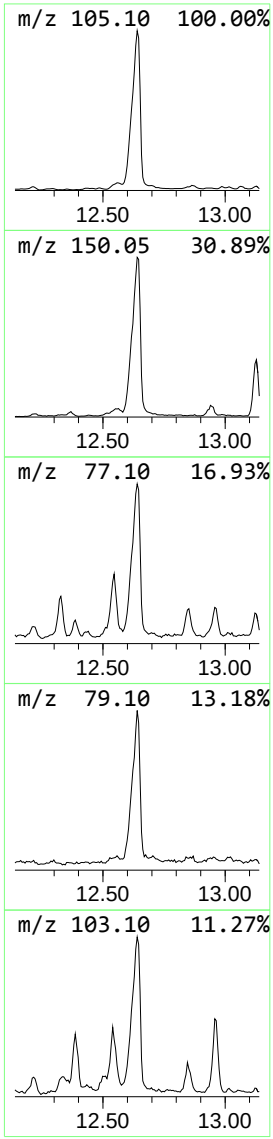
****

Peak Number 1 Benzeneacetic acid, .alpha.... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.640	19.91 ng	2345740	Acenaphthene-d10	14.499

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	95
2	p-Tolylacetic acid	150	C9H10O2	000622-47-9	94
3	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	93
4	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	74
5	o-Tolylacetic acid	150	C9H10O2	000644-36-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

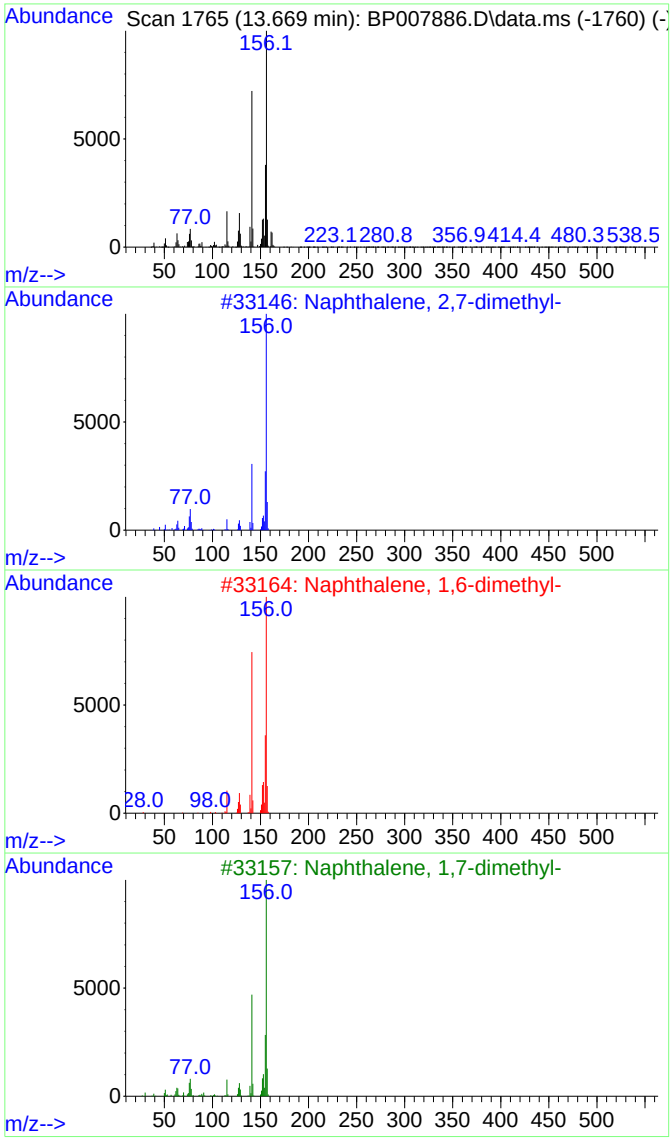
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

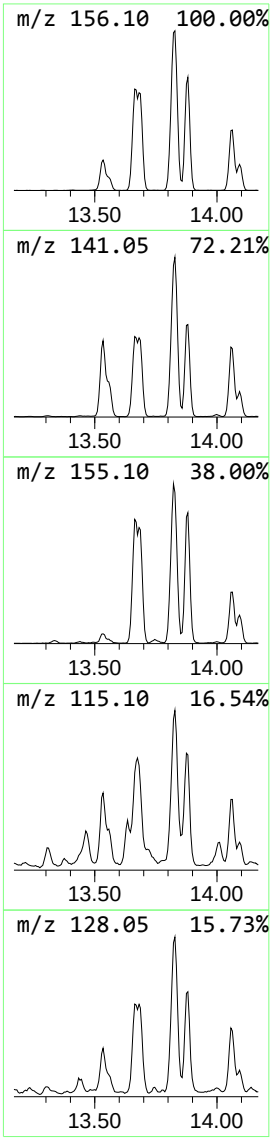
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	34.50 ng	4065390	Acenaphthene-d10	14.499

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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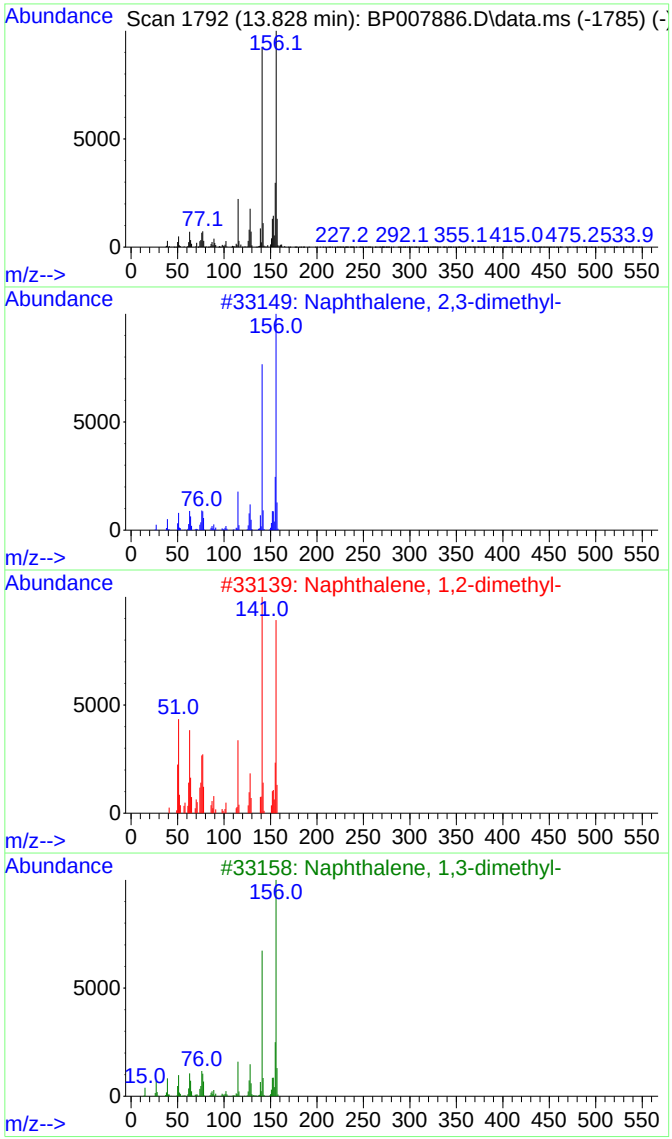
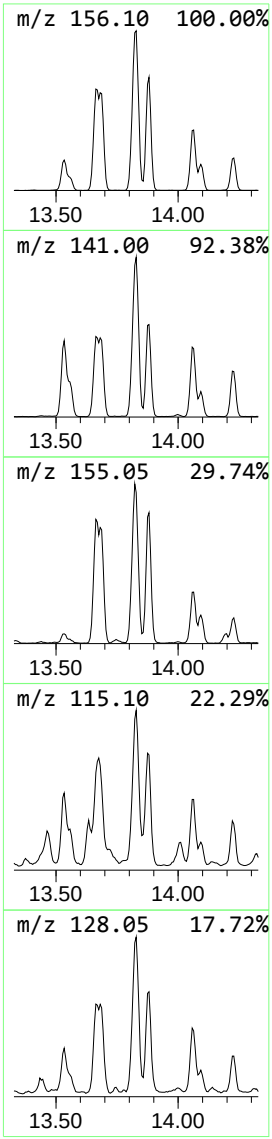
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.828	35.04 ng	4129030	Acenaphthene-d10	14.499

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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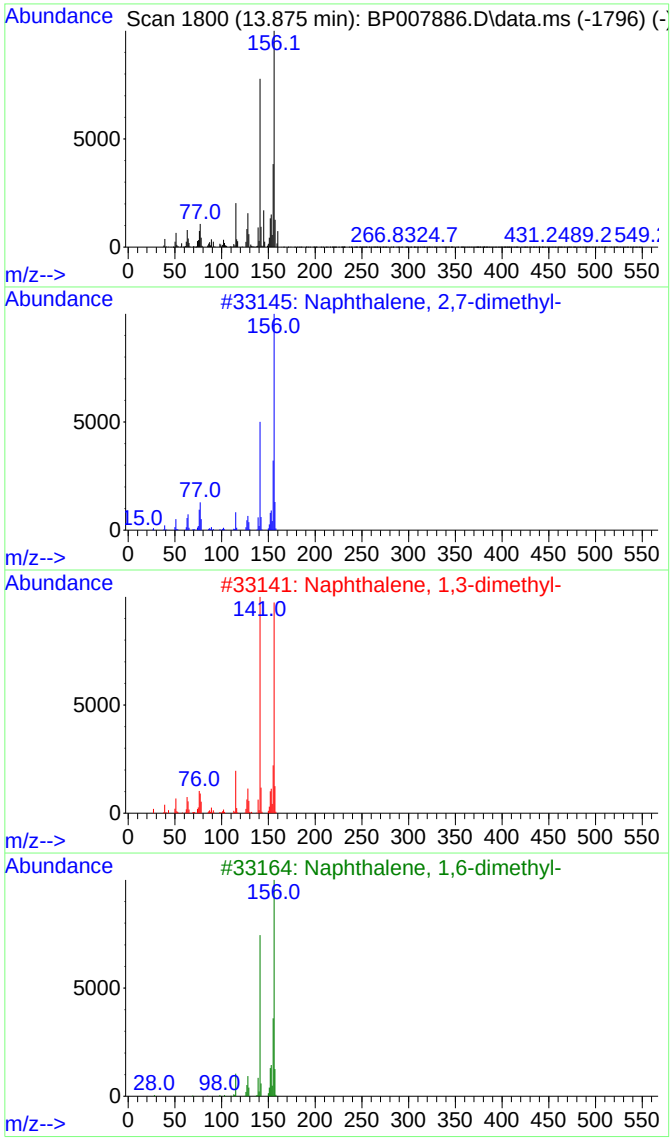
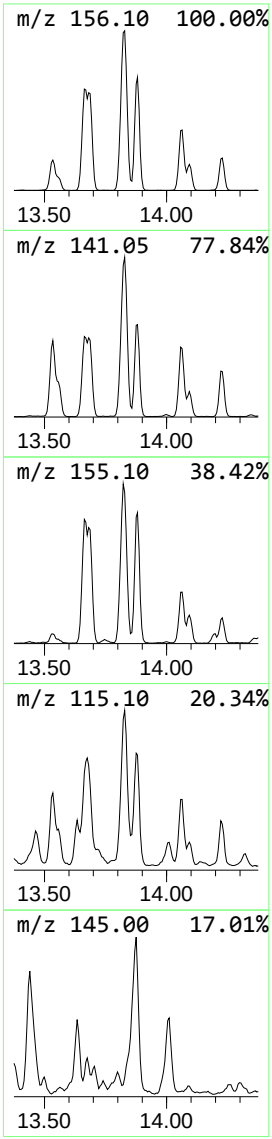
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.875	22.27 ng	2624660	Acenaphthene-d10	14.499

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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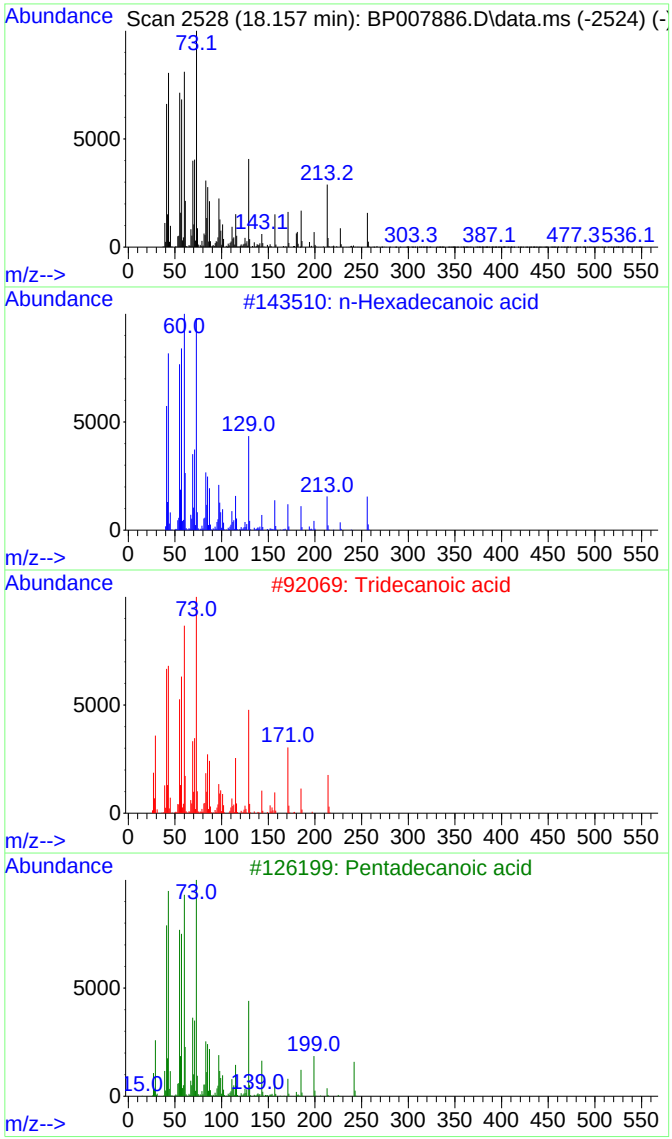
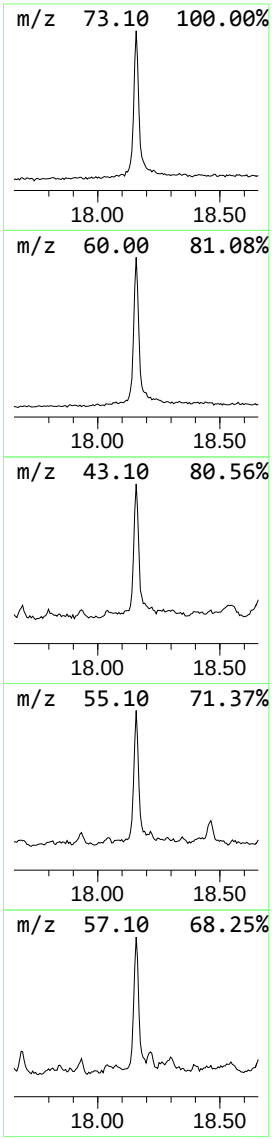
Peak Number 5 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	19.70 ng	1973610	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

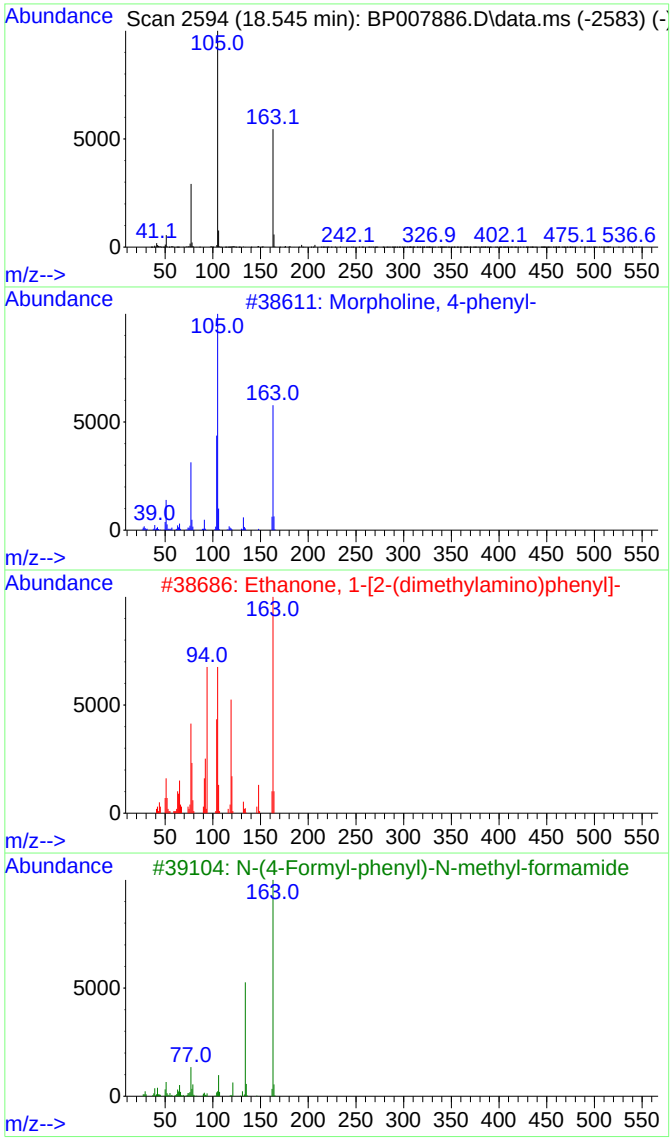
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

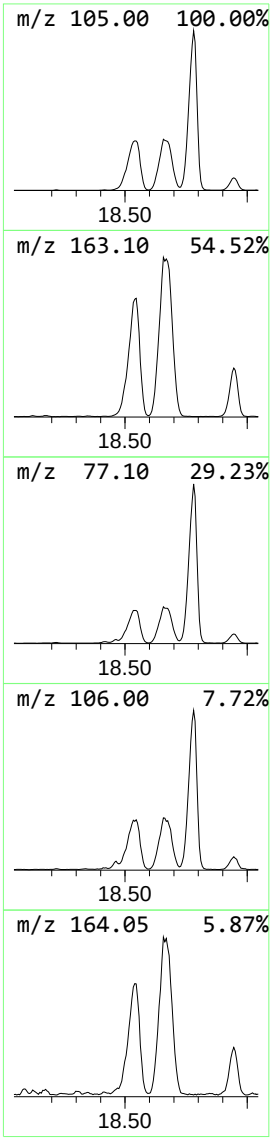
****

Peak Number 6 Morpholine, 4-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	73.12 ng	7327010	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	72
2	Ethanone, 1-[2-(dimethylamino)ph...	163	C10H13NO	010336-55-7	56
3	N-(4-Formyl-phenyl)-N-methyl-for...	163	C9H9NO2	079213-80-2	52
4	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	50
5	Oxybis(propane-1,2-diyl) dibenzoate	342	C20H22O5	000094-03-1	42





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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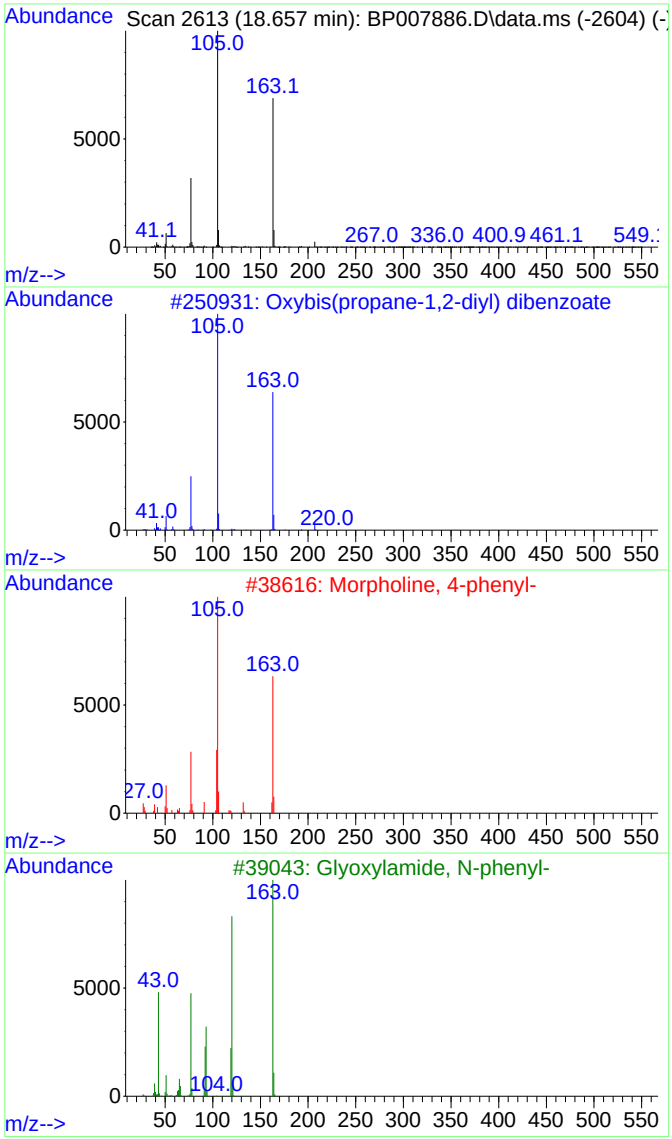
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

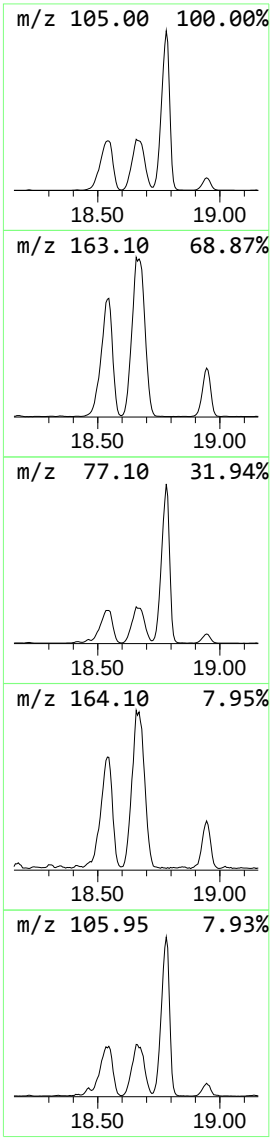
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Oxybis(propane-1,2-diyl) di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	41.91 ng	4199280	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybis(propane-1,2-diyl) dibenzoate	342	C20H22O5	000094-03-1	90
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	72
3	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	50
4	Phenylglyoxylic acid, pentyl ester	220	C13H16O3	1000453-46-0	43
5	.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	43





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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

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

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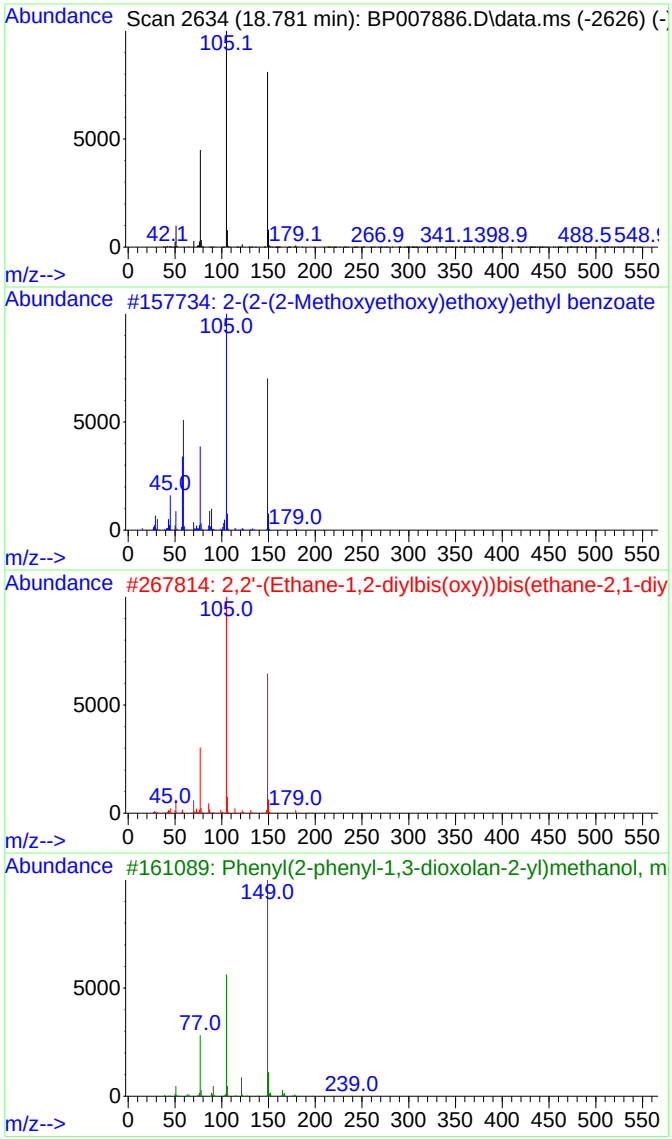
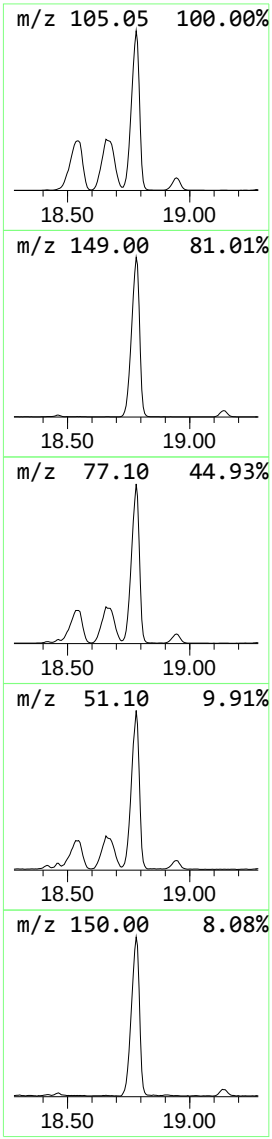
Peak Number 8 2-(2-(2-Methoxyethoxy)ethox... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.781	188.52 ng	18889900	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	83
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
3	Phenyl(2-phenyl-1,3-dioxolan-2-y...	270	C17H18O3	1000507-07-6	72
4	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
5	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72





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Operator : CG/JU
Sample : M4578-02
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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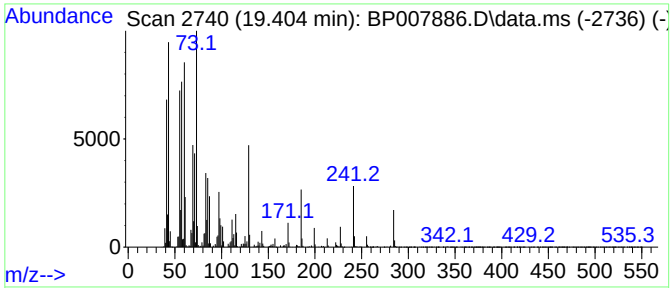
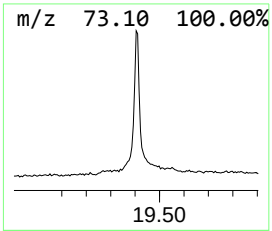
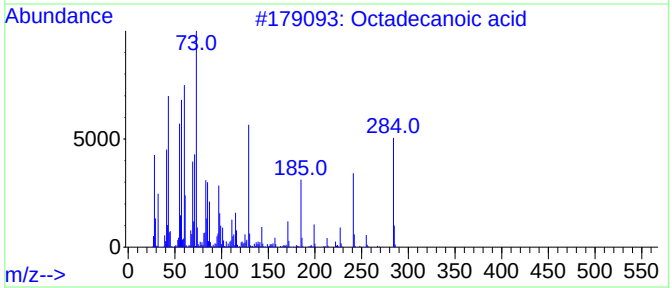
Peak Number 9 Octadecanoic acid Concentration Rank 20

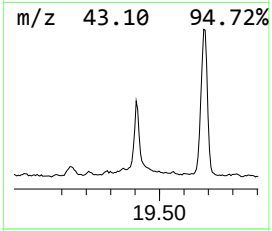
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	17.36 ng	1905860	Chrysene-d12	21.357

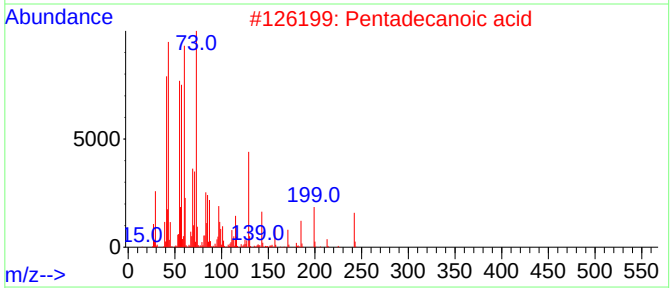
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70

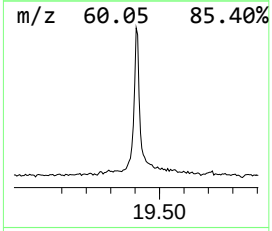


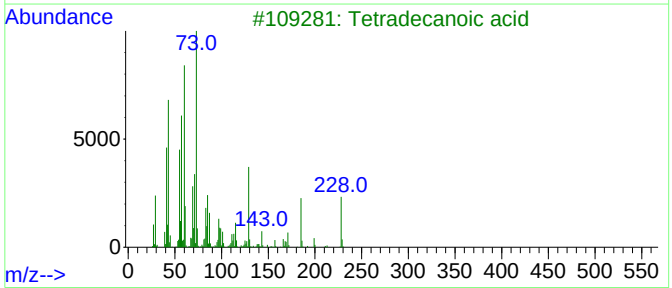


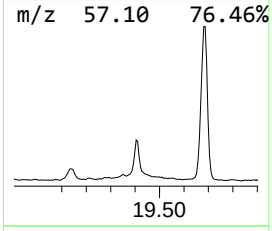


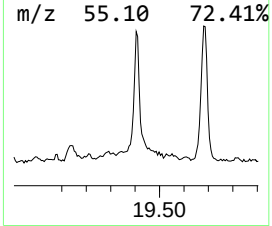












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Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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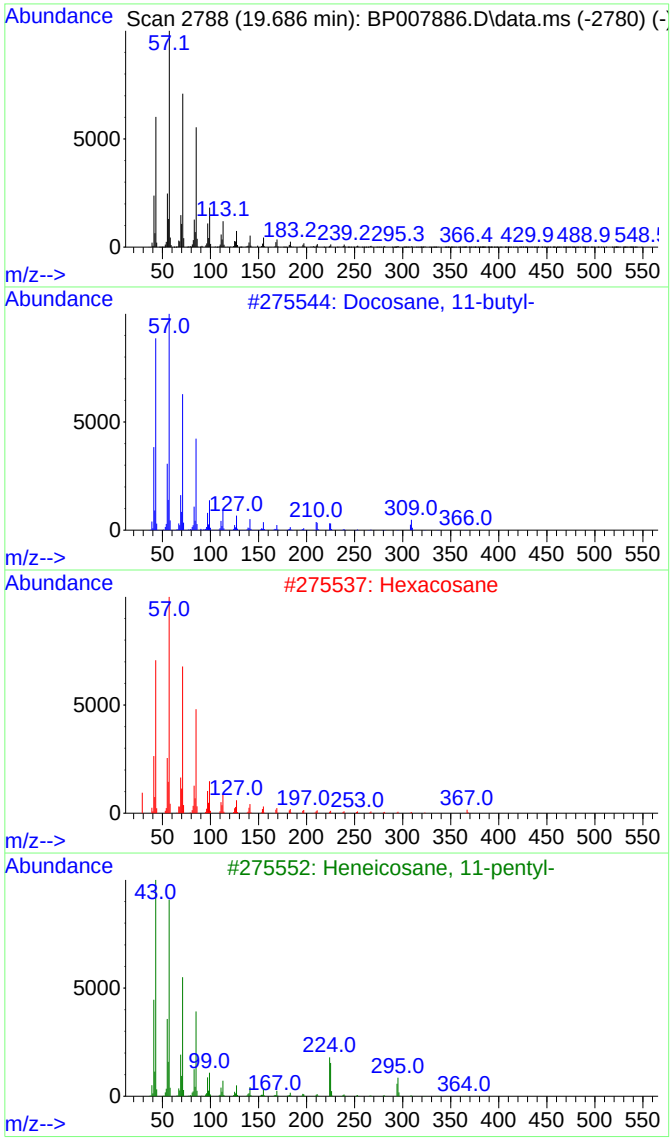
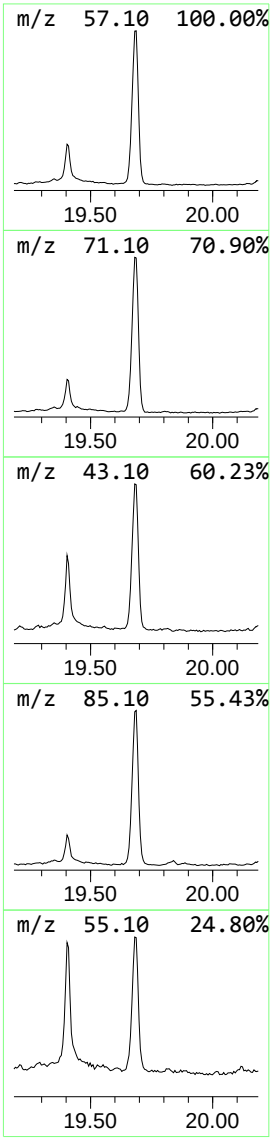
Peak Number 10 Docosane, 11-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.686	31.32 ng	3438960	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Hexacosane	366	C26H54	000630-01-3	93
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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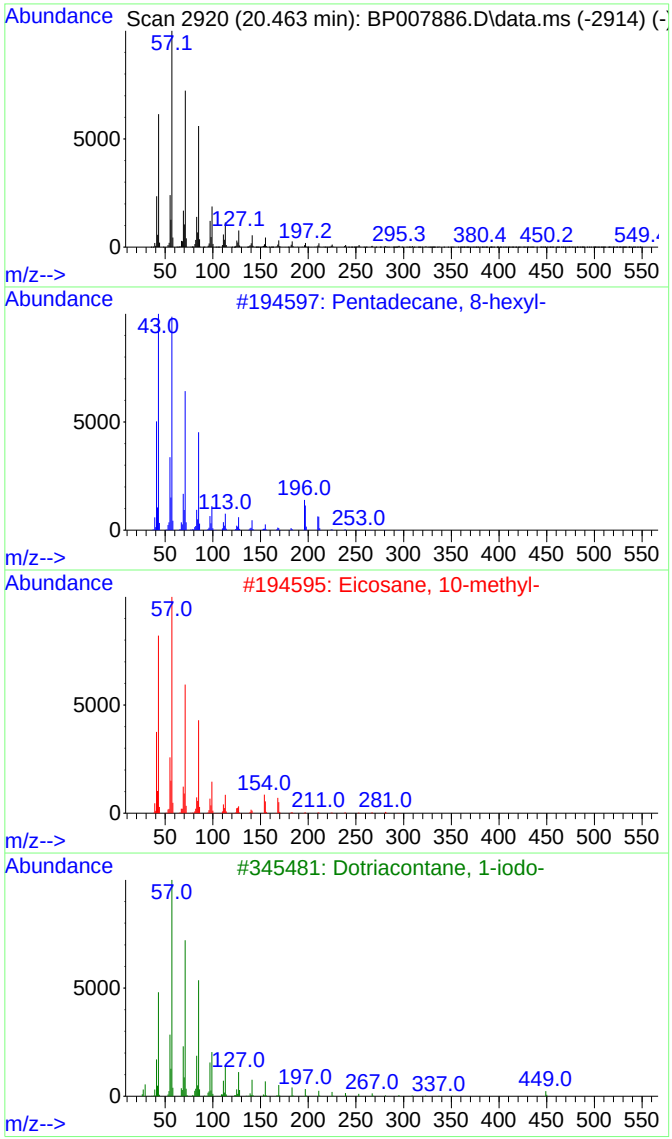
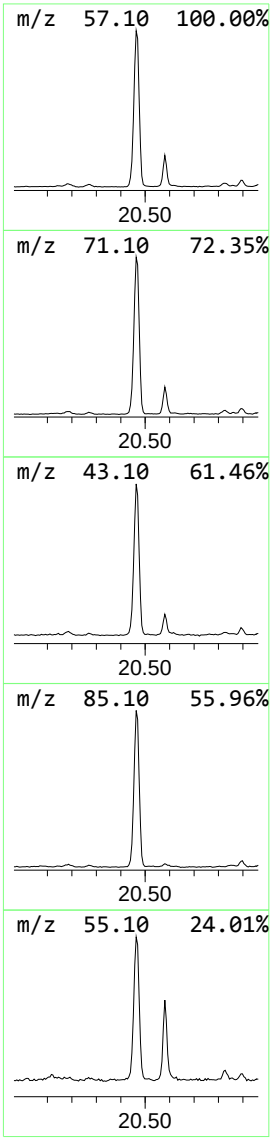
Peak Number 11 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.463	35.43 ng	3890050	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





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Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

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

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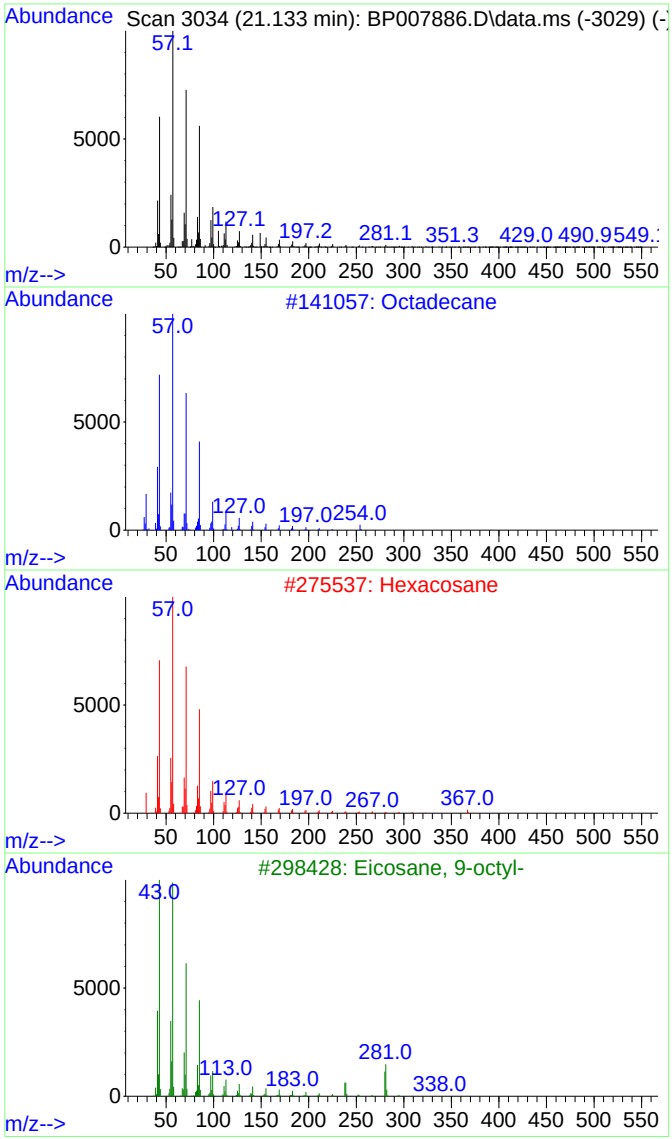
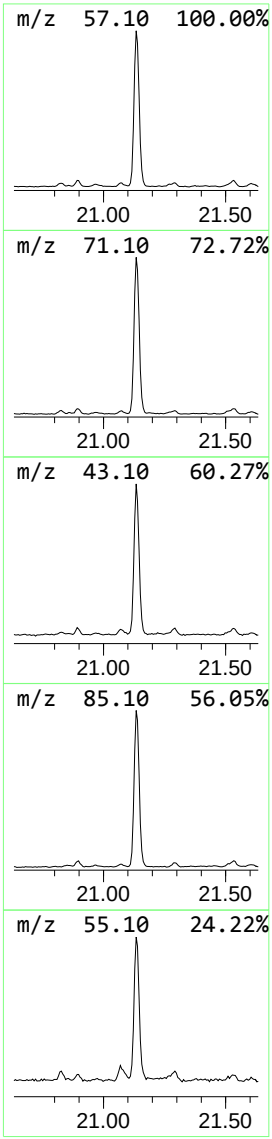
Peak Number 12 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	35.98 ng	3951190	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Hexacosane	366	C26H54	000630-01-3	93
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





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ALS Vial : 5 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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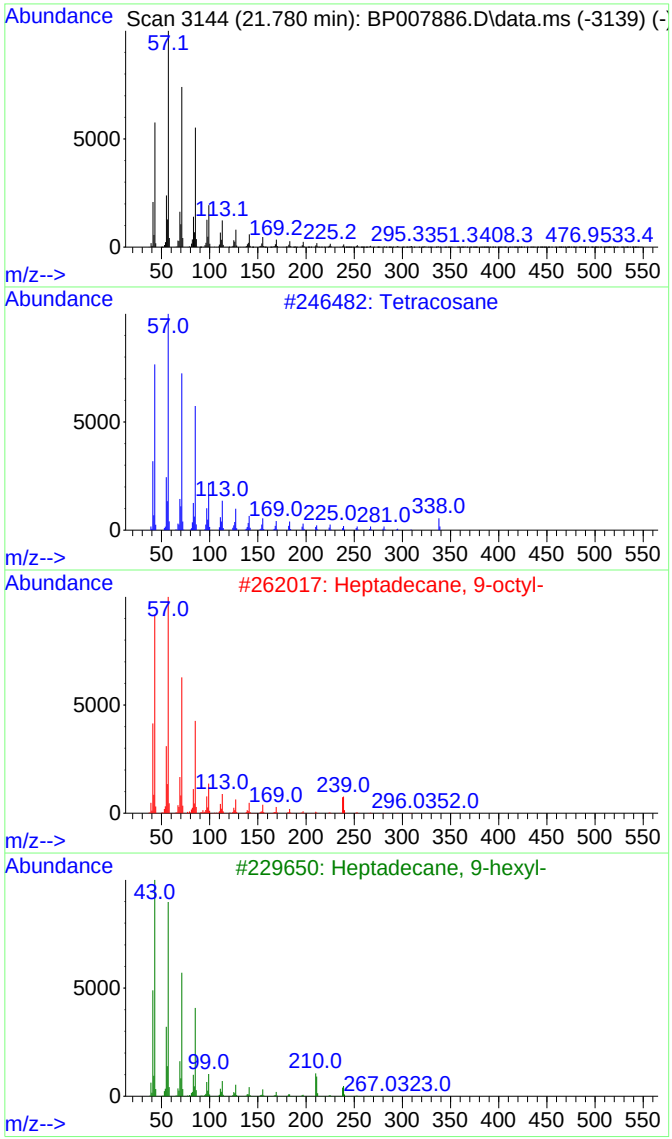
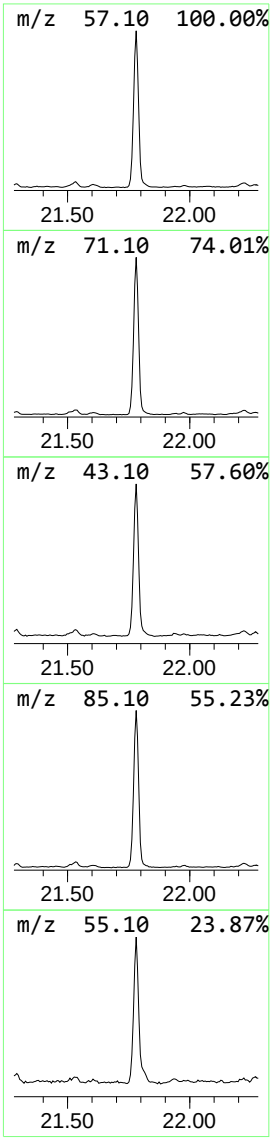
Peak Number 13 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.781	40.76 ng	4475180	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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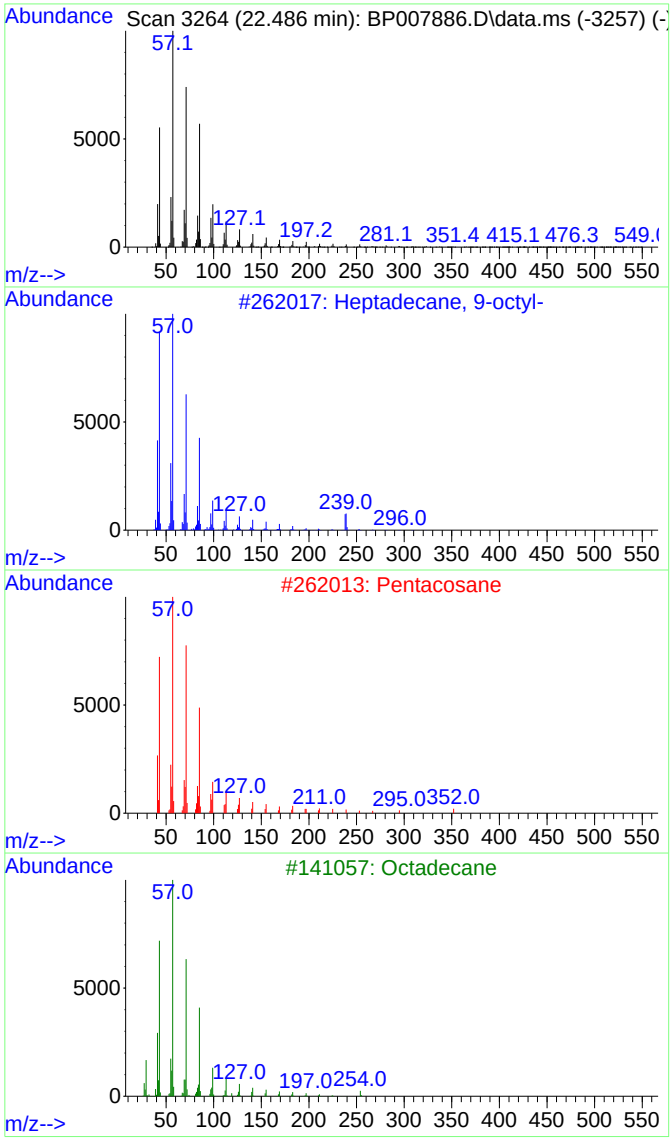
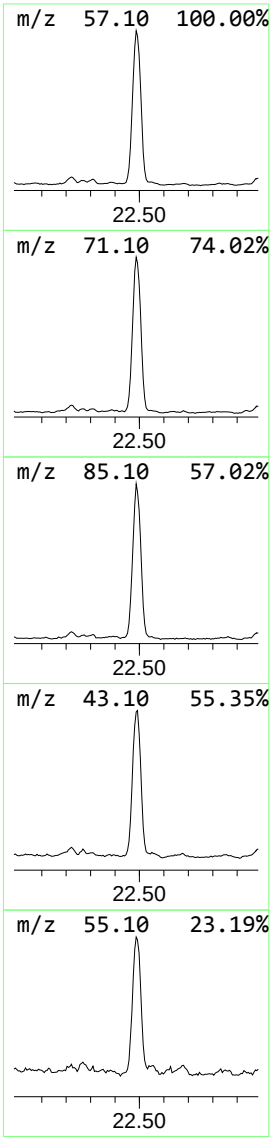
Peak Number 14 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.486	35.36 ng	3882400	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Pentacosane	352	C25H52	000629-99-2	94
3	Octadecane	254	C18H38	000593-45-3	93
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





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TIC Library : C:\Database\NIST20.L
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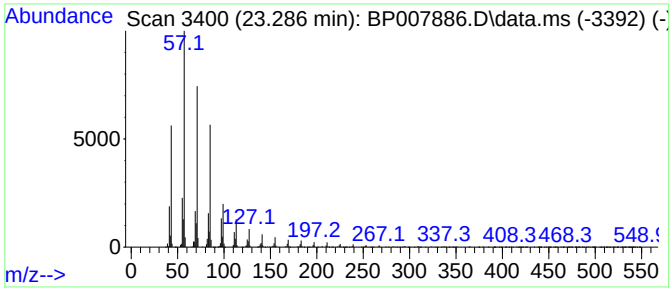
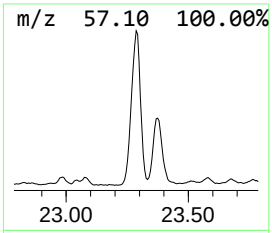
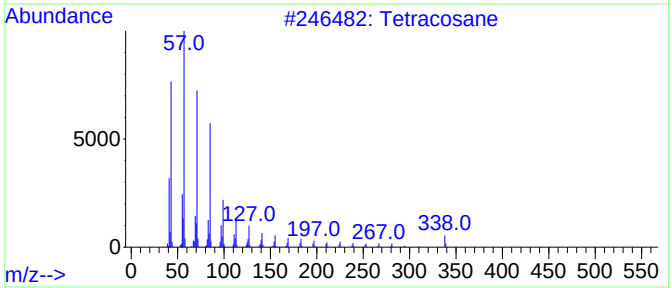
Peak Number 15 Heneicosane, 11-decyl- Concentration Rank 12

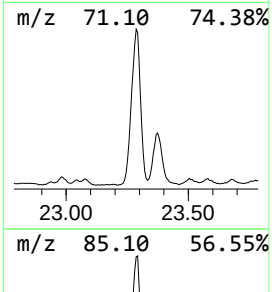
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.286	28.03 ng	3680120	Perylene-d12	23.769

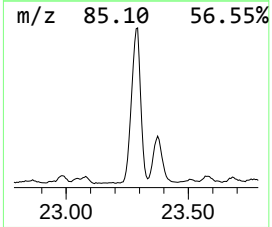
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	91

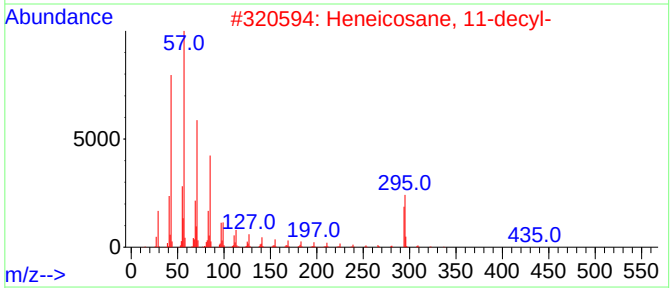


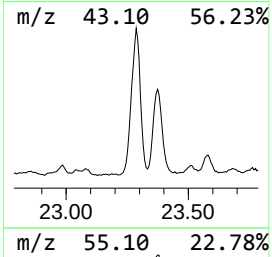


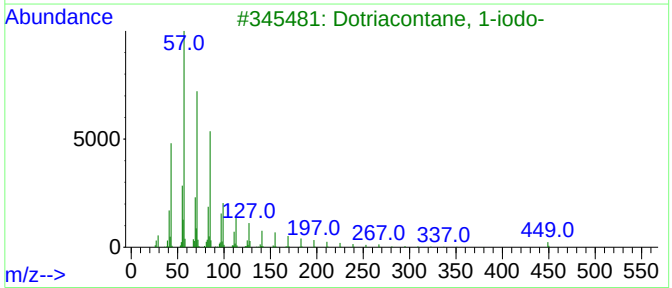


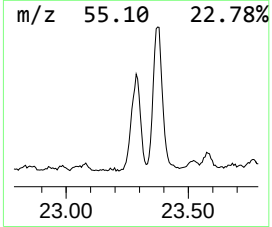












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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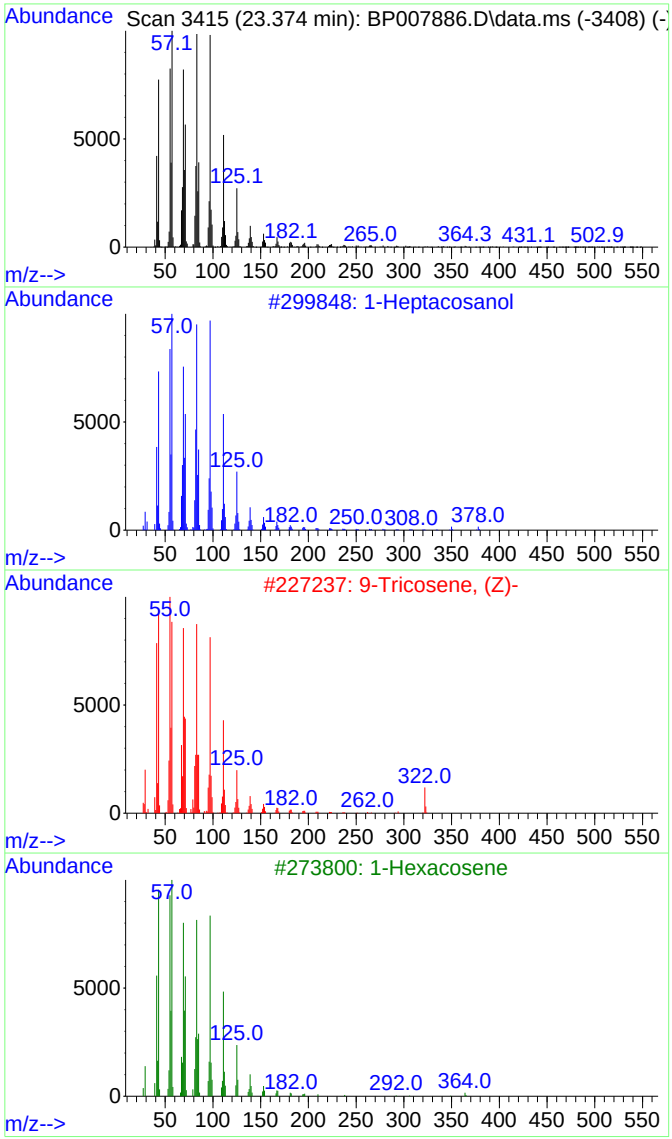
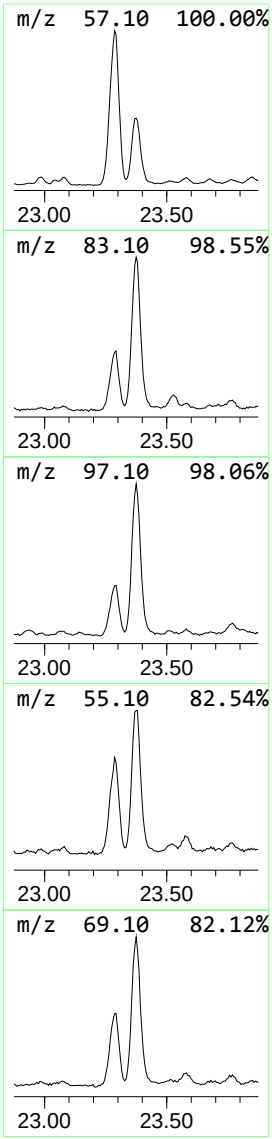
Peak Number 16 1-Heptacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.375	26.60 ng	3492590	Perylene-d12	23.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	1-Hexacosanol	382	C26H54O	000506-52-5	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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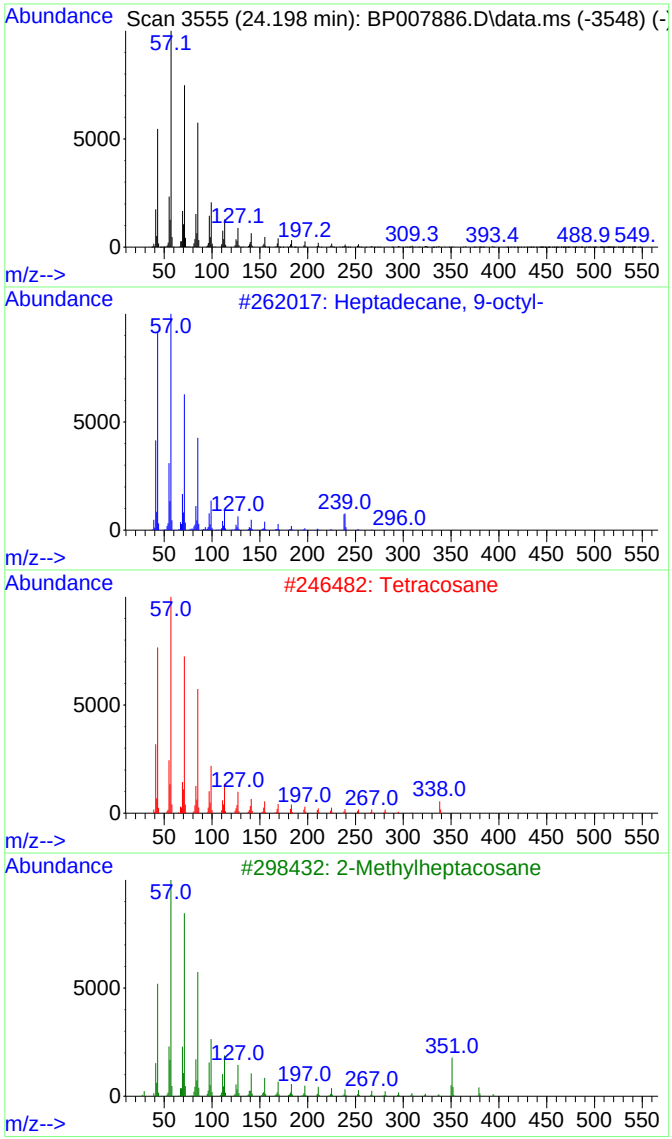
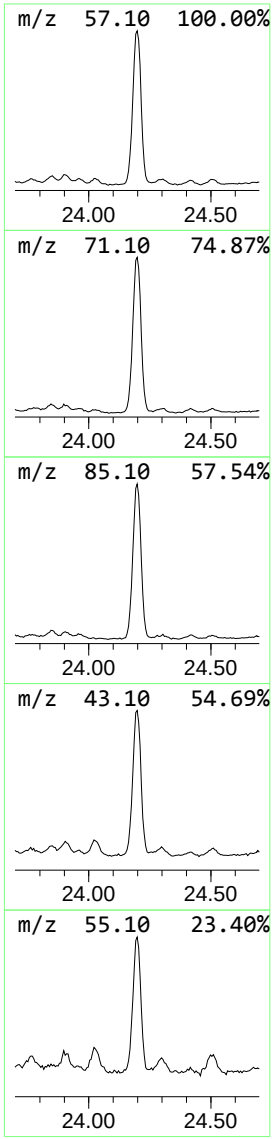
Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.198	24.23 ng	3181320	Perylene-d12	23.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Tetracosane	338	C24H50	000646-31-1	94
3	2-Methylheptacosane	394	C28H58	001561-00-8	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





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Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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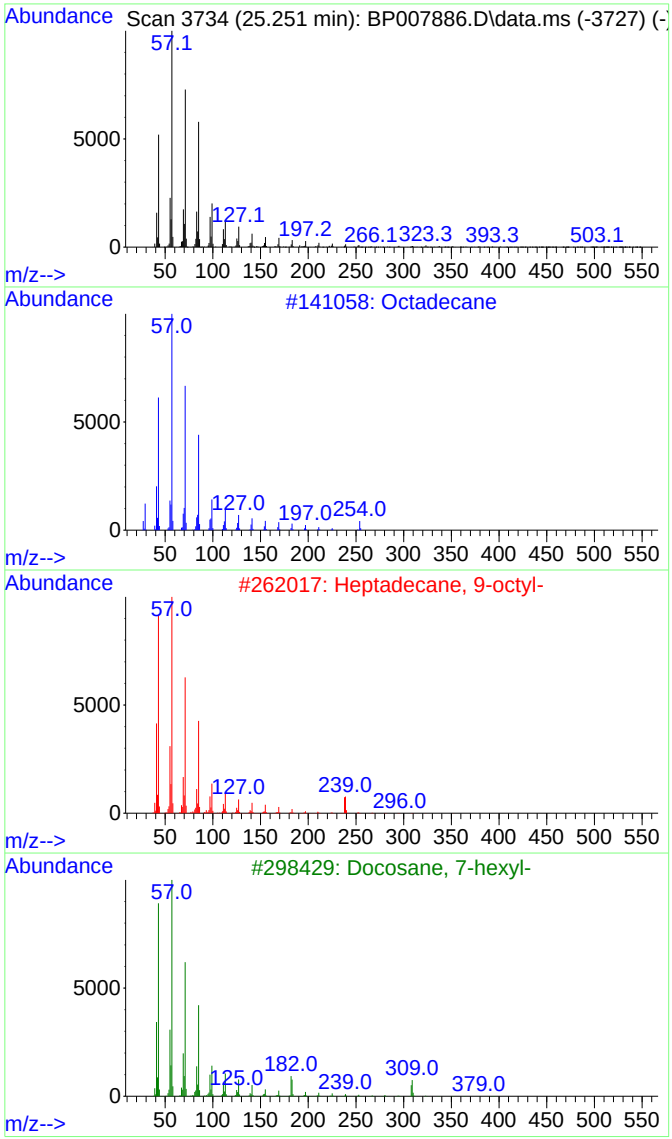
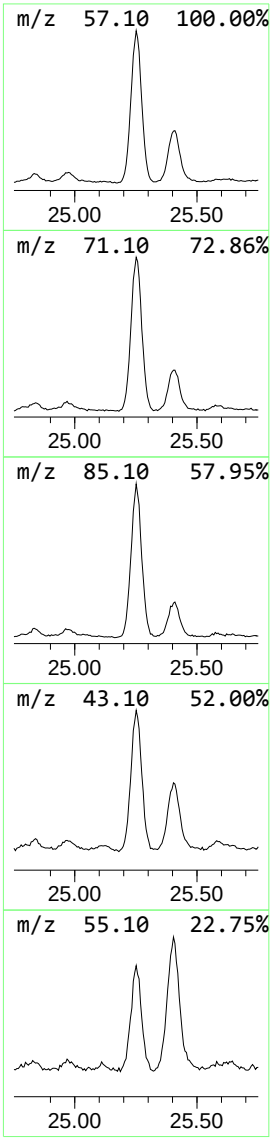
Peak Number 18 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.251	21.75 ng	2855860	Perylene-d12	23.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Triacontane	422	C30H62	000638-68-6	91





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Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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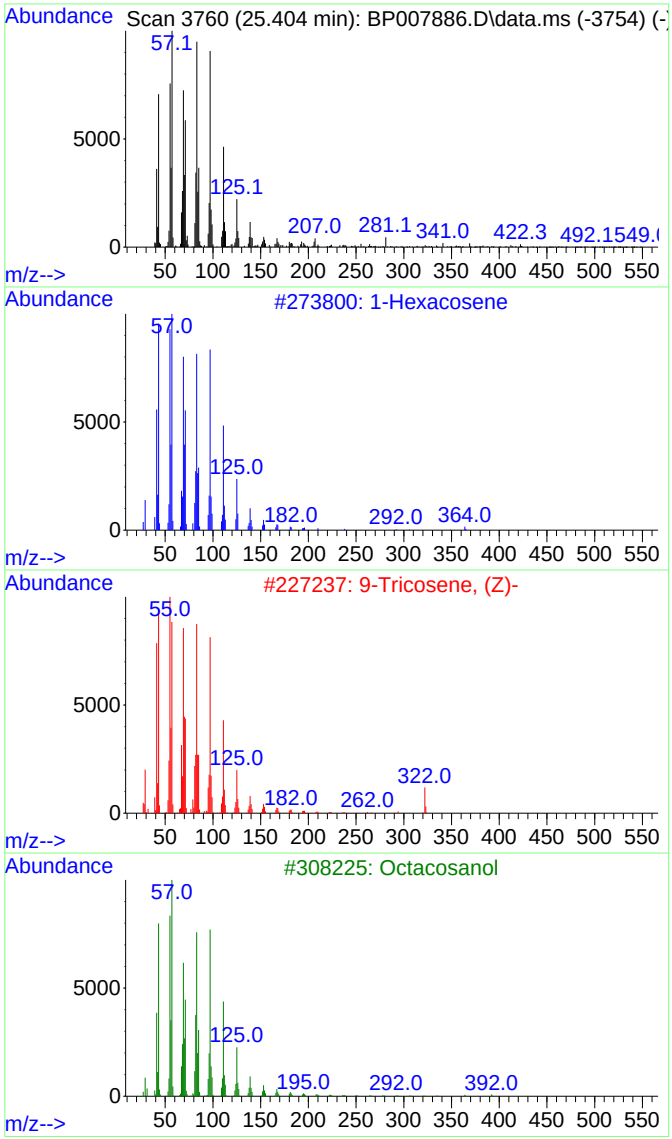
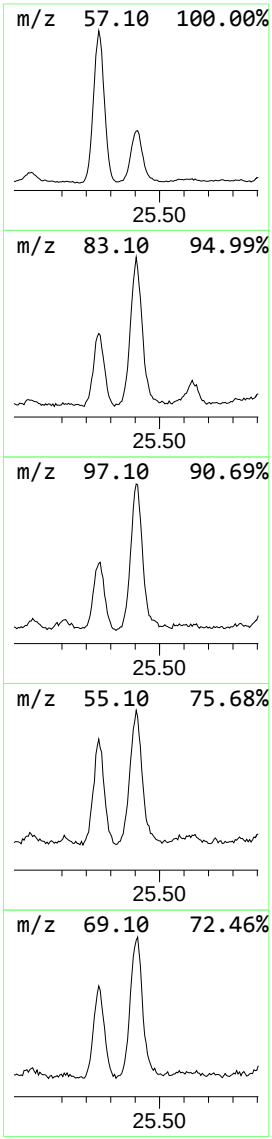
Peak Number 19 1-Hexacosene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.404	19.63 ng	2577190	Perylene-d12	23.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	Octacosanol	410	C28H58O	000557-61-9	94
4	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	94
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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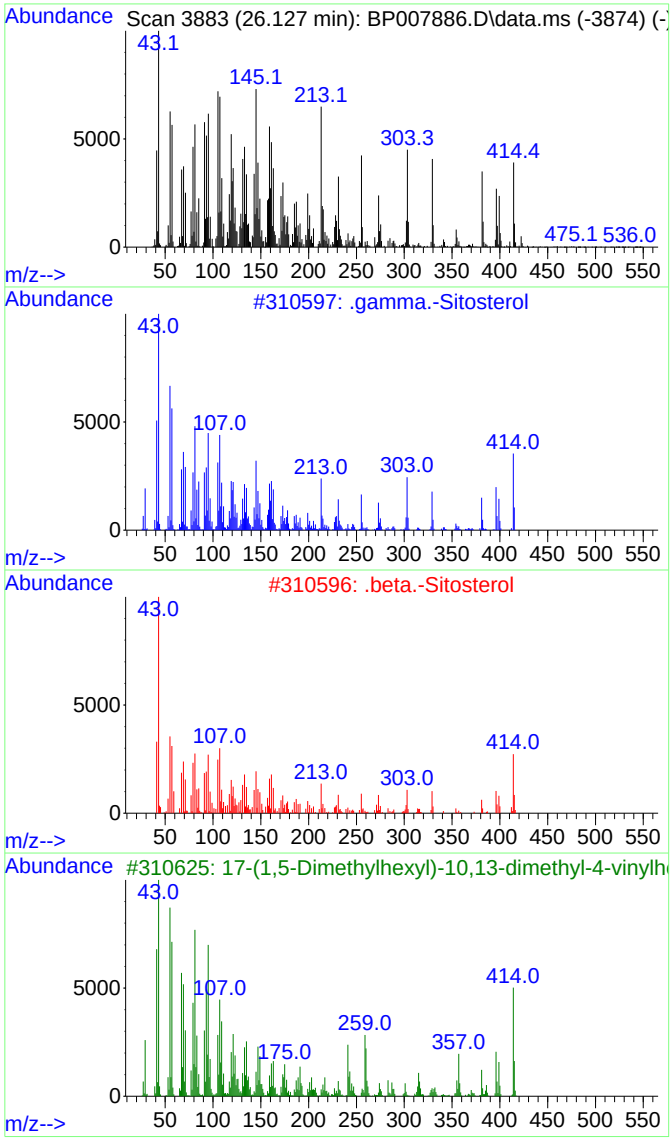
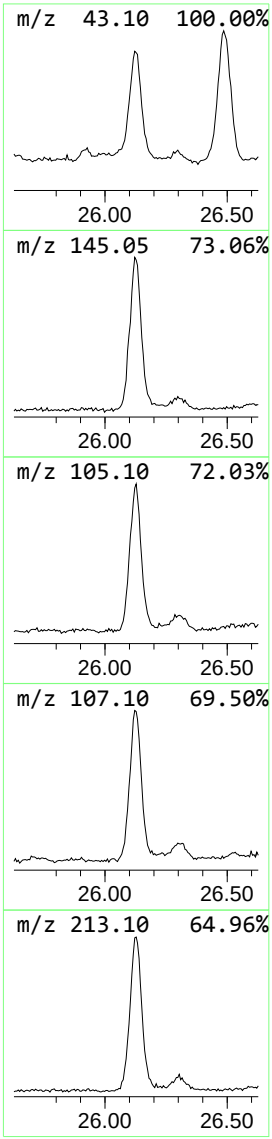
Peak Number 20 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.127	34.62 ng	4545600	Perylene-d12	23.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
3	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25
4	22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	25
5	2-(4-Fluorophenyl)indoline, N-ac...	255	C16H14FNO	1000514-22-0	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007886.D
Acq On : 09 Nov 2021 11:59
Operator : CG/JU
Sample : M4578-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzeneacetic a...	12.640	19.9	ng	2345740	3	14.499	2356640	20.0
Naphthalene, 2,...	13.669	34.5	ng	4065390	3	14.499	2356640	20.0
Naphthalene, 2,...	13.828	35.0	ng	4129030	3	14.499	2356640	20.0
Naphthalene, 1,...	13.875	22.3	ng	2624660	3	14.499	2356640	20.0
n-Hexadecanoic ...	18.157	19.7	ng	1973610	4	17.257	2004010	20.0
Morpholine, 4-p...	18.545	73.1	ng	7327010	4	17.257	2004010	20.0
Oxybis(propane-...	18.657	41.9	ng	4199280	4	17.257	2004010	20.0
2-(2-(2-Methoxy...	18.781	188.5	ng	18889900	4	17.257	2004010	20.0
Octadecanoic acid	19.404	17.4	ng	1905860	5	21.357	2196040	20.0
Docosane, 11-bu...	19.686	31.3	ng	3438960	5	21.357	2196040	20.0
Pentadecane, 8-...	20.463	35.4	ng	3890050	5	21.357	2196040	20.0
Octadecane	21.133	36.0	ng	3951190	5	21.357	2196040	20.0
Tetracosane	21.781	40.8	ng	4475180	5	21.357	2196040	20.0
Pentacosane	22.486	35.4	ng	3882400	5	21.357	2196040	20.0
Heneicosane, 11...	23.286	28.0	ng	3680120	6	23.769	2625740	20.0
1-Heptacosanol	23.375	26.6	ng	3492590	6	23.769	2625740	20.0
Heptadecane, 9-...	24.198	24.2	ng	3181320	6	23.769	2625740	20.0
Octacosane	25.251	21.8	ng	2855860	6	23.769	2625740	20.0
1-Hexacosene	25.404	19.6	ng	2577190	6	23.769	2625740	20.0
.gamma.-Sitosterol	26.127	34.6	ng	4545600	6	23.769	2625740	20.0