LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.045	499	503	506	rBV	130928	132783	1.23%	0.083%
2	5.463	570	574	581	rBV	355738	516466	4.80%	0.322%
3	5.687	608	612	615	rBV	635298	619465	5.76%	0.386%
4	5.740	618	621	627	rVB	480012	425919	3.96%	0.266%
5	5.857	635	641	644	rBV4	84041	109195	1.02%	0.068%
6	5.892	644	647	652	rBV2	74170	112459	1.05%	0.070%
7	5.992	659	664	667	rVB2	89345	134765	1.25%	0.084%
8	6.081	674	679	685	rBV2	247671	421547	3.92%	0.263%
9	6.134	685	688	691	rVB2	102561	108162	1.01%	0.067%
10	6.275	706	712	715	rBV	237016	288848	2.69%	0.180%
11	6.316	715	719	720	rVV2	110812	121615	1.13%	0.076%
12	6.334	720	722	724	rVV	257972	213182	1.98%	0.133%
13	6.369	724	728	730	rVV	518105	579075	5.39%	0.361%
14	6.398	730	733	736	rVV2	497732	566473	5.27%	0.353%
15	6.445	736	741	746	rVV2	831715	1052589	9.79%	0.657%
16	6.528	749	755	756	rVV2	641229	862680	8.02%	0.538%
17	6.545	756	758	762	rVV	715756	957500	8.90%	0.597%
18	6.581	762	764	766	rVV	416323	533475	4.96%	0.333%
19	6.645	769	775	777	rVV	857059	1466438	13.64%	0.915%
20	6.675	777	780	786	rVB2	1602745	1832776	17.04%	1.143%
21	6.781	791	798	799	rBV6	116570	229203	2.13%	0.143%
22	6.804	799	802	804	rBV4	115747	143781	1.34%	0.090%
23	6.851	807	810	813	rVV2	745808	816195	7.59%	0.509%
24	6.904	815	819	822	rVV	1226243	1346481	12.52%	0.840%
25	6.951	825	827	830	rVB	191040	180934	1.68%	0.113%
26	7.004	830	836	838	rBV2	1236013	1905307	17.72%	1.189%
27	7.028	838	840	842	rVB	678594	522297	4.86%	0.326%
28	7.069	844	847	849	rBV2	173518	196594	1.83%	0.123%
29	7.092	849	851	852	rBV	282407	216518	2.01%	0.135%
30	7.122	852	856	858	rVB	978603	1054934	9.81%	0.658%
31	7.169	858	864	870	rVB2	1509063	2753463	25.61%	1.718%
32	7.234	870	875	879	rBV2	1018141	1573907	14.64%	0.982%
33	7.316	885	889	891	rBV	352997	436462	4.06%	0.272%
34	7.339	891	893	895	rVB	293386	229967	2.14%	0.143%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.386	895	901	904	rBV2	1678195	2421167	22.52%	1.510%
36	7.422	904	907	909	rVV2	1773675	2126999	19.78%	1.327%
37	7.451	909	912	914	rVV	3387159	5167818	48.06%	3.224%
38	7.498	914	920	924	rVB	5499008	10753350	100.00%	6.708%
39	7.545	924	928	930	rBV2	694239	1033544	9.61%	0.645%
40	7.634	939	943	945	rBV	1355464	1435836	13.35%	0.896%
41	7.657	945	947	951	rVB	1687083	1754498	16.32%	1.094%
42	7.757	956	964	966	rBV5	1120455	2326087	21.63%	1.451%
43	7.792	966	970	972	rVV3	661327	1049791	9.76%	0.655%
44	7.816	972	974	978	rVB2	1416737	1423745	13.24%	0.888%
45	7.886	982	986	988	rVV2	2527220	2944396	27.38%	1.837%
46	7.928	992	993	995	rBV	273307	248585	2.31%	0.155%
47	7.981	1000	1002	1004	rVB	443122	317122	2.95%	0.198%
48	8.022	1004	1009	1016	rVB2	1075626	2348303	21.84%	1.465%
49	8.128	1016	1027	1031	rBV4	3878640	10581688	98.40%	6.601%
50	8.175	1031	1035	1037	rBV2	1507930	2000341	18.60%	1.248%
51	8.316	1053	1059	1062	rBV3	506821	1173979	10.92%	0.732%
52	8.433	1074	1079	1086	rBV8	1224132	3038409	28.26%	1.895%
53	8.533	1092	1096	1100	rBV2	966287	1862792	17.32%	1.162%
54	8.575	1100	1103	1108	rVB	1010610	1431308	13.31%	0.893%
55	8.757	1129	1134	1140	rBV3	2456980	4792298	44.57%	2.989%
56	8.898	1151	1158	1163	rVB	2453956	5518603	51.32%	3.443%
57	8.992	1168	1174	1179	rVV3	2216529	4676995	43.49%	2.918%
58	9.339	1225	1233	1237	rBV	2088679	5194745	48.31%	3.241%
59	9.804	1307	1312	1315	rBV2	1177592	2242817	20.86%	1.399%
60	9.875	1316	1324	1326	rVB	2398461	5531266	51.44%	3.450%
61	10.186	1374	1377	1385	rVB5	2191348	4569419	42.49%	2.850%
62	10.375	1400	1409	1411	rBV2	2944183	6806755	63.30%	4.246%
63	10.692	1461	1463	1466	rVB3	790173	777704	7.23%	0.485%
64	10.851	1481	1490	1494	rBV4	2988778	8090174	75.23%	5.047%
65	11.280	1557	1563	1565	rBV	2459447	4224203	39.28%	2.635%
66	11.310	1565	1568	1575	rVB3	2255672	2969420	27.61%	1.852%
67	11.451	1588	1592	1595	rBV2	1095677	1459046	13.57%	0.910%
68	11.533	1603	1606	1609	rBV2	1132903	1249587	11.62%	0.779%
69	11.704	1629	1635	1637	rVB	2748469	4016177	37.35%	2.505%
70	11.845	1654	1659	1664	rBV3	534368	1131116	10.52%	0.706%
71	11.922	1668	1672	1674	rBV	1293752	1833031	17.05%	1.143%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.027	1687	1690	1693	rVV	1060413	1003405	9.33%	0.626%
73	12.057	1693	1695	1697	rVB	631525	460894	4.29%	0.288%
74	12.092	1697	1701	1704	rVB	2593582	2826479	26.28%	1.763%
75	12.321	1738	1740	1742	rBV2	268184	306344	2.85%	0.191%
76	12.351	1742	1745	1748	rVV2	766695	957245	8.90%	0.597%
77	12.380	1748	1750	1753	rVV	720823	754990	7.02%	0.471%
78	12.404	1753	1754	1756	rVV	378243	222210	2.07%	0.139%
79	12.469	1760	1765	1767	rBV2	2361038	3209590	29.85%	2.002%
80	12.492	1767	1769	1771	rVV	451485	433948	4.04%	0.271%
81	12.539	1774	1777	1779	rBV	410102	360802	3.36%	0.225%
82	12.563	1779	1781	1785	rVB3	221146	231932	2.16%	0.145%
83	12.645	1793	1795	1797	rVB2	175806	130028	1.21%	0.081%
84	12.674	1797	1800	1801	rBV	218865	178863	1.66%	0.112%
85	12.692	1801	1803	1806	rVB	368807	328551	3.06%	0.205%
86	12.786	1817	1819	1823	rVB	154963	111830	1.04%	0.070%
87	12.833	1823	1827	1829	rVV	1319990	1216054	11.31%	0.759%
88	12.851	1829	1830	1834	rVB	363730	298757	2.78%	0.186%
89	12.892	1834	1837	1840	rVB	397147	379170	3.53%	0.237%
90	12.939	1842	1845	1847	rBV	182108	204360	1.90%	0.127%
91	12.974	1847	1851	1854	rVB	1293475	1253822	11.66%	0.782%
92	13.180	1883	1886	1889	rVB	658952	534938	4.97%	0.334%
93	13.521	1941	1944	1948	rVB	236969	192503	1.79%	0.120%
94	13.986	2020	2023	2026	rVB	975179	901596	8.38%	0.562%
95	14.027	2026	2030	2033	rVB	290876	263852	2.45%	0.165%
96	15.498	2276	2280	2289	rVB2	249538	360092	3.35%	0.225%

Sum of corrected areas: 160306824

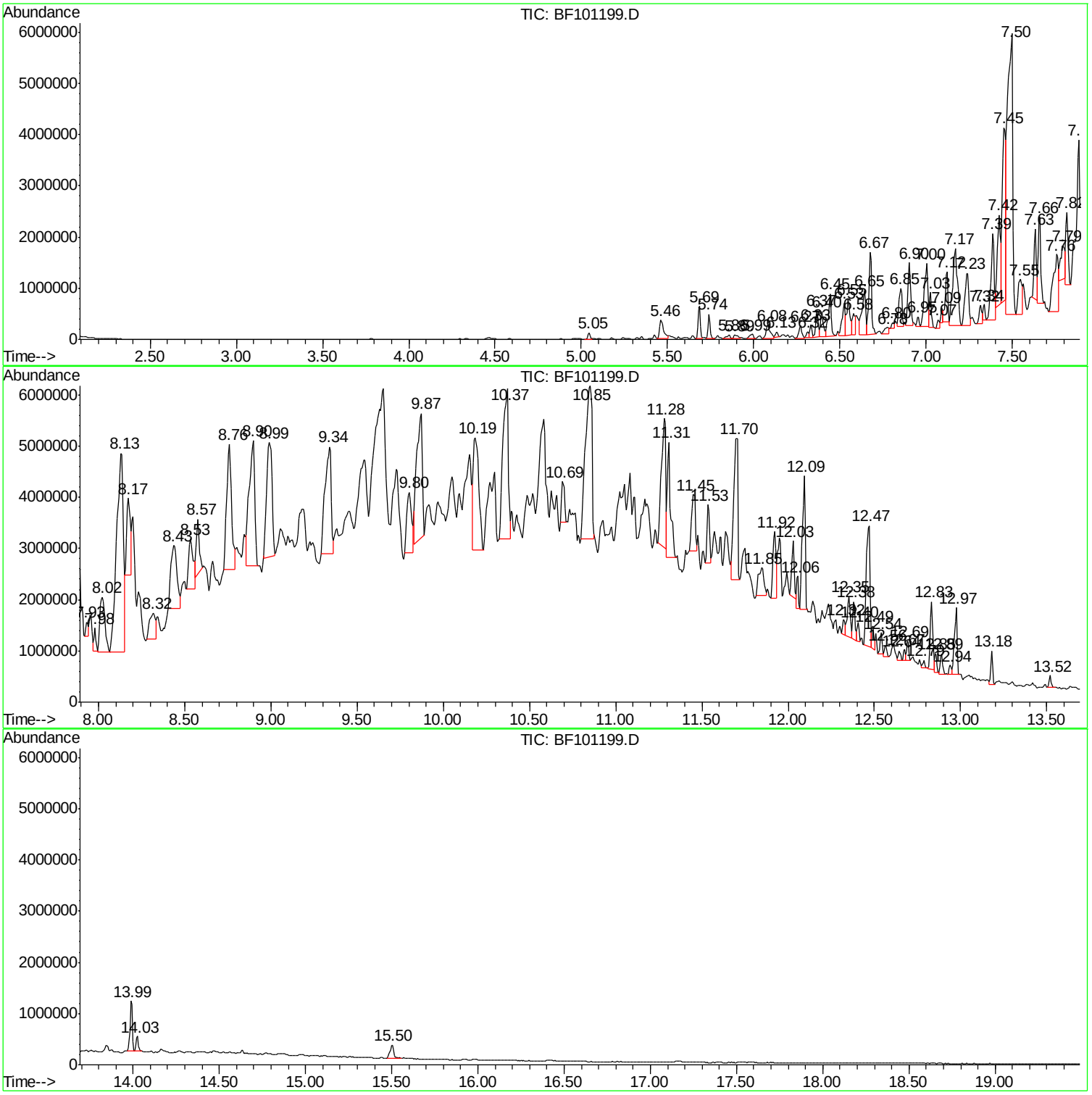
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

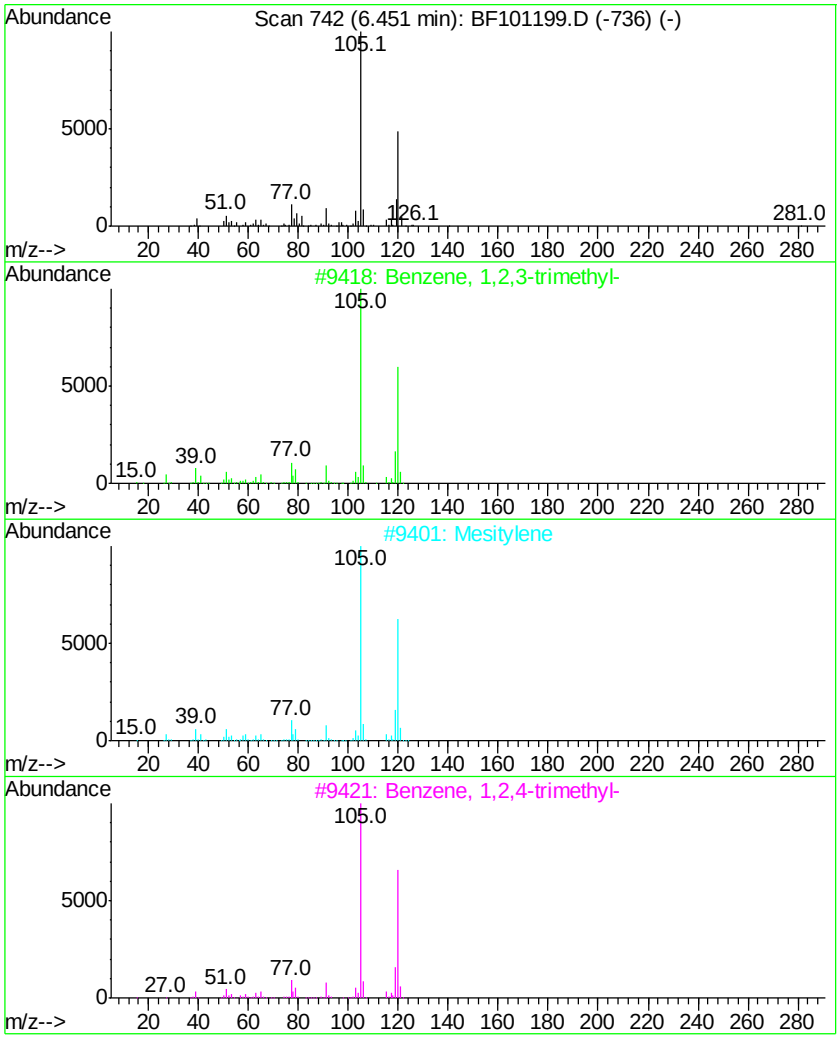
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

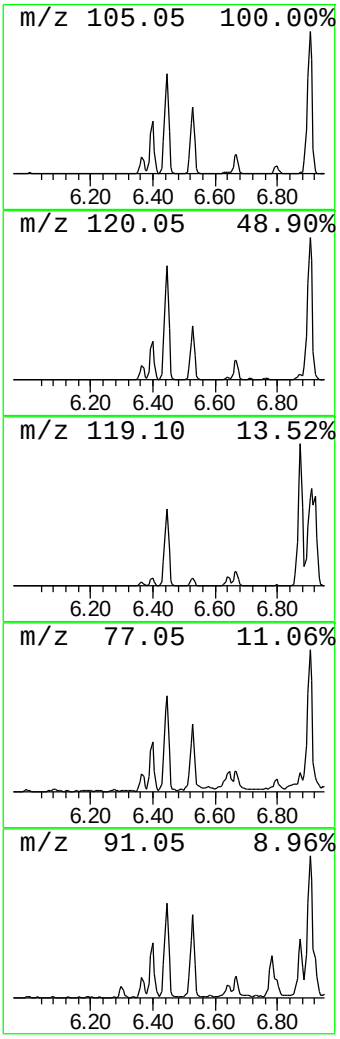
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	25.79 ng	1052590	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

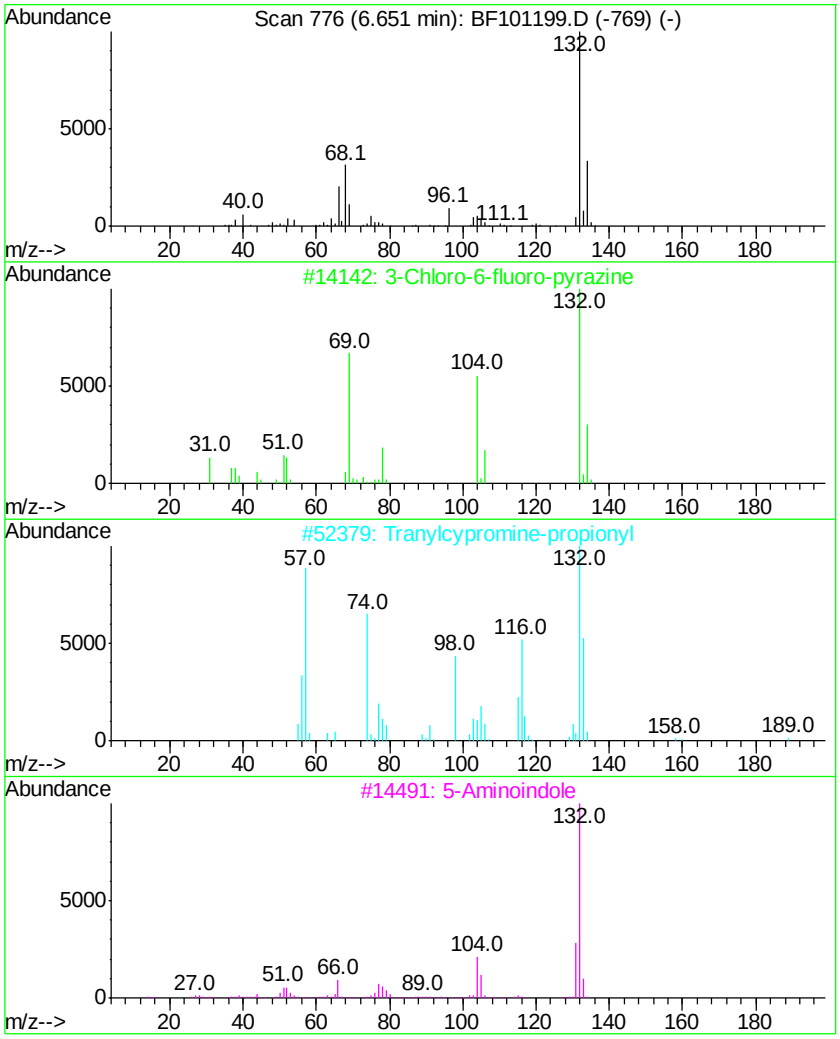
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

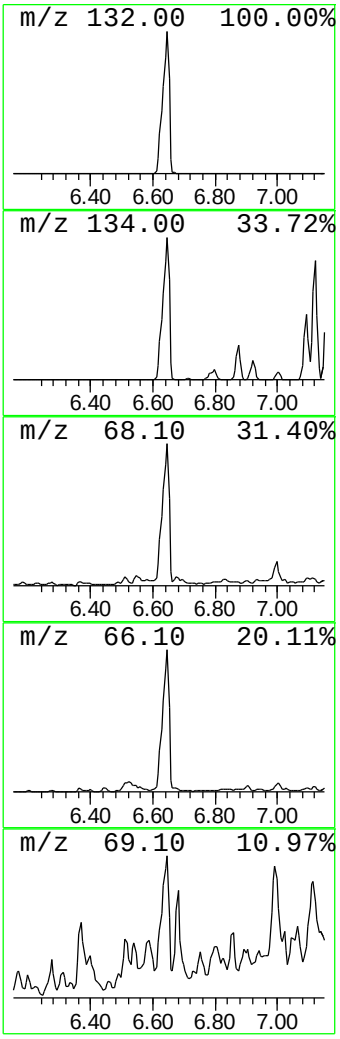
****

Peak Number 2 unknown6.65 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	35.93 ng	1466440	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

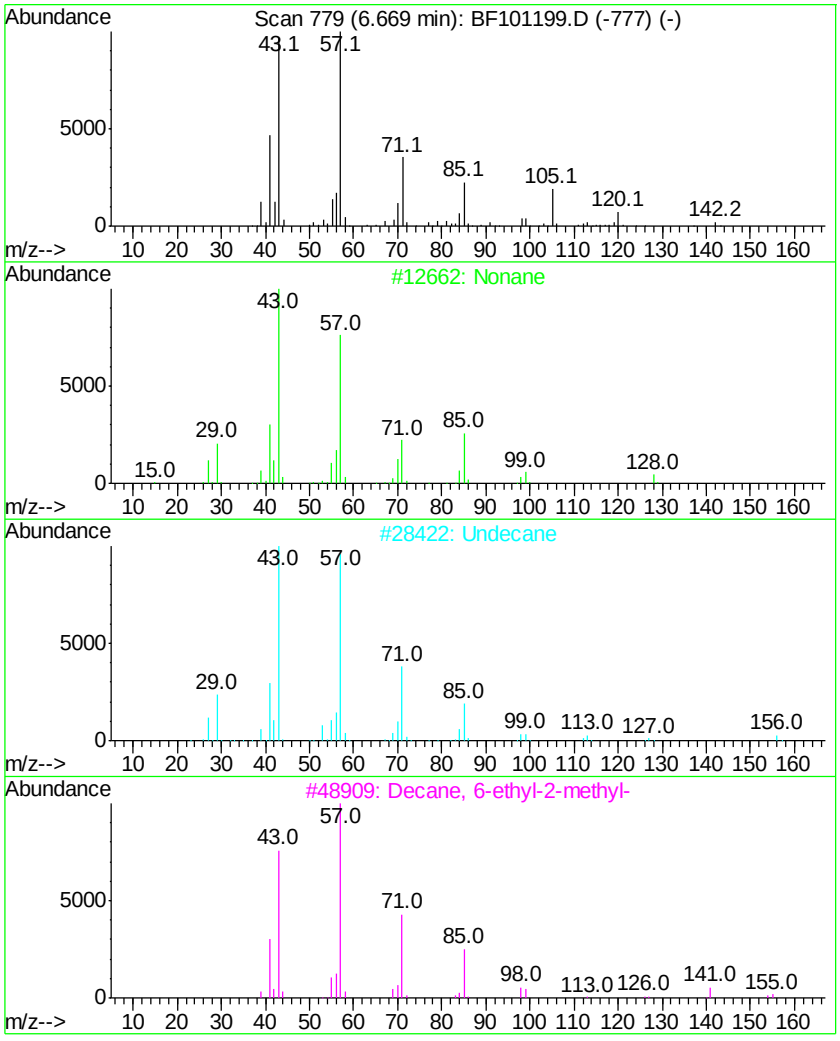
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

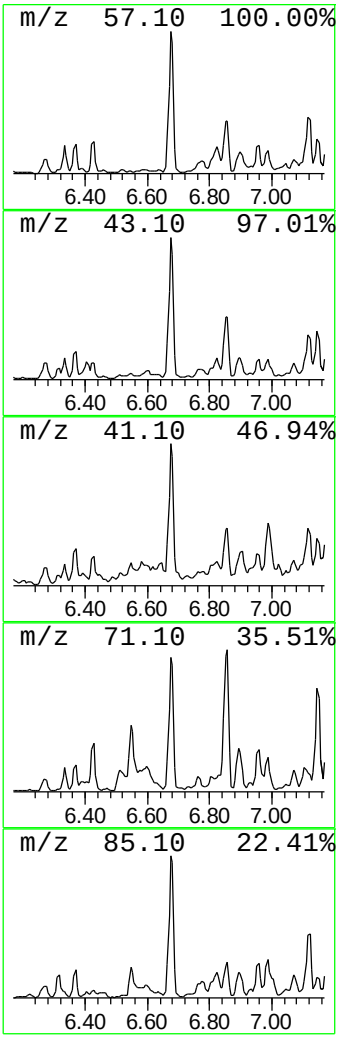
****

Peak Number 3 Nonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	44.91 ng	1832780	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	Undecane	156	C11H24	001120-21-4	78
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4	Tridecane	184	C13H28	000629-50-5	78
5	Decane	142	C10H22	000124-18-5	78





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

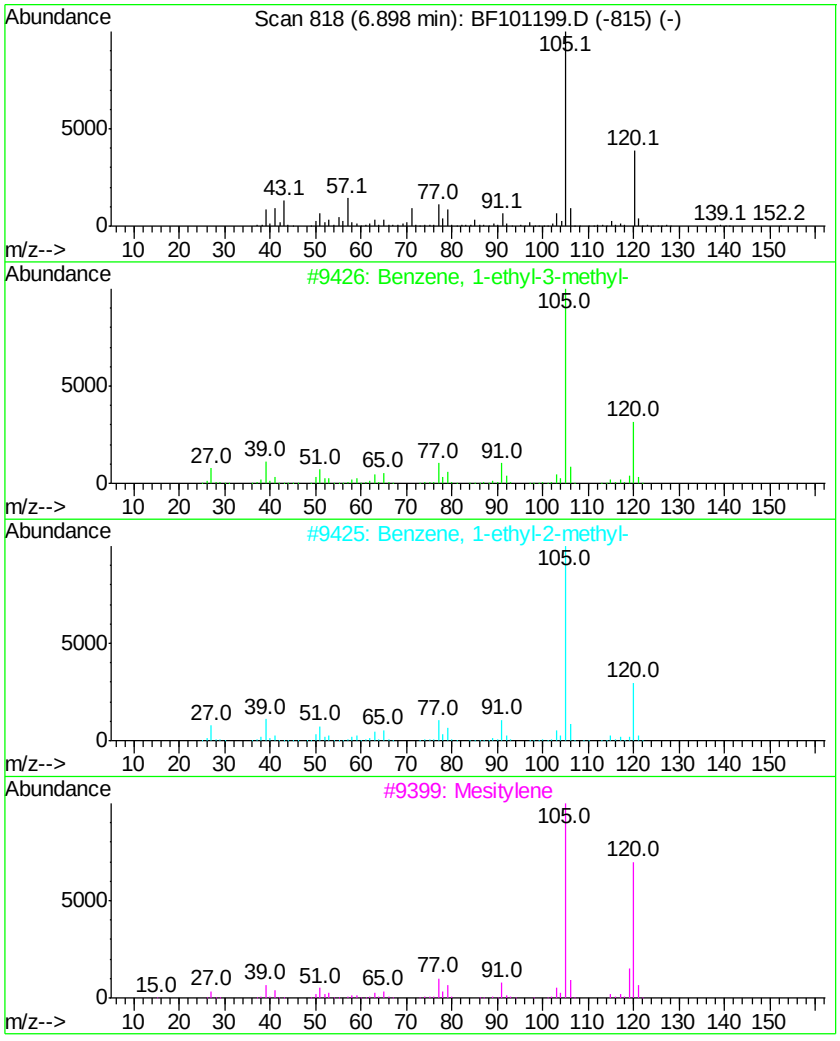
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

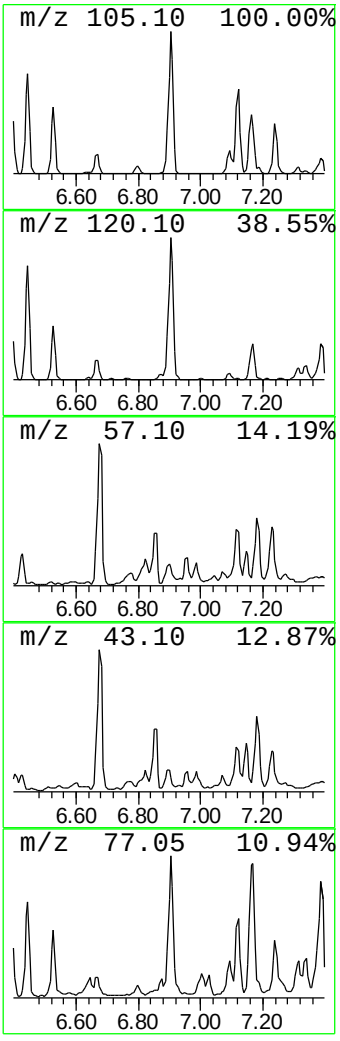
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	32.99 ng	1346480	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

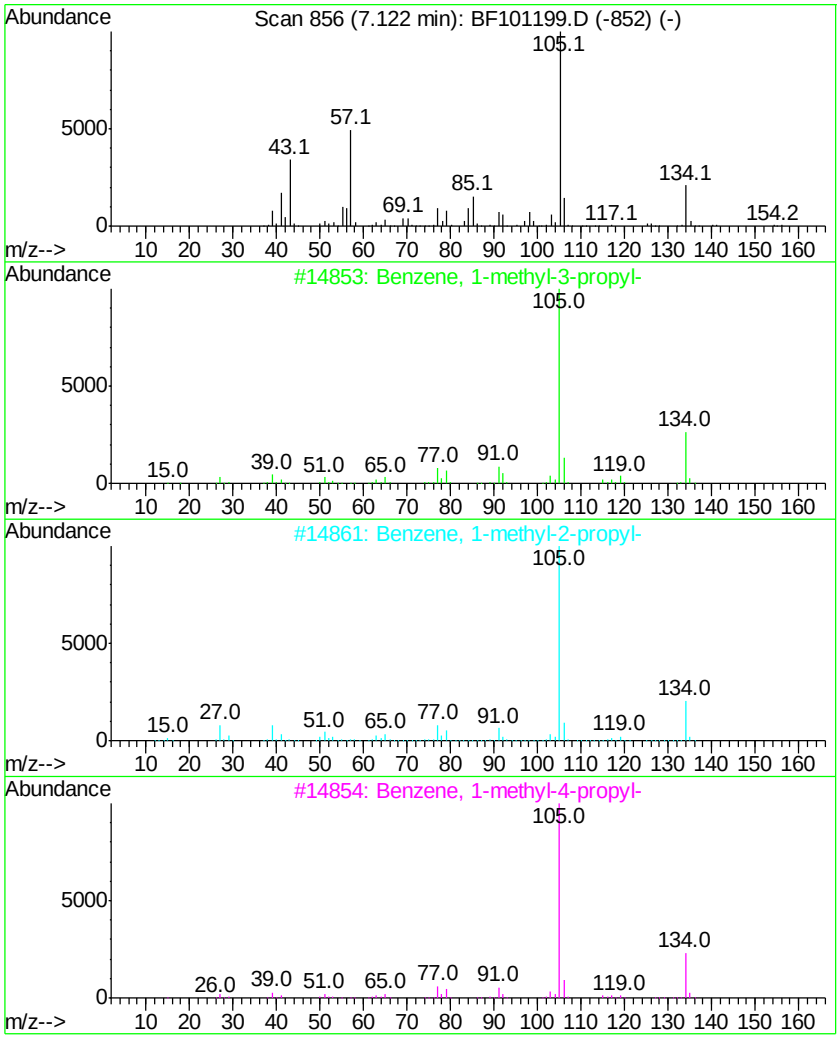
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

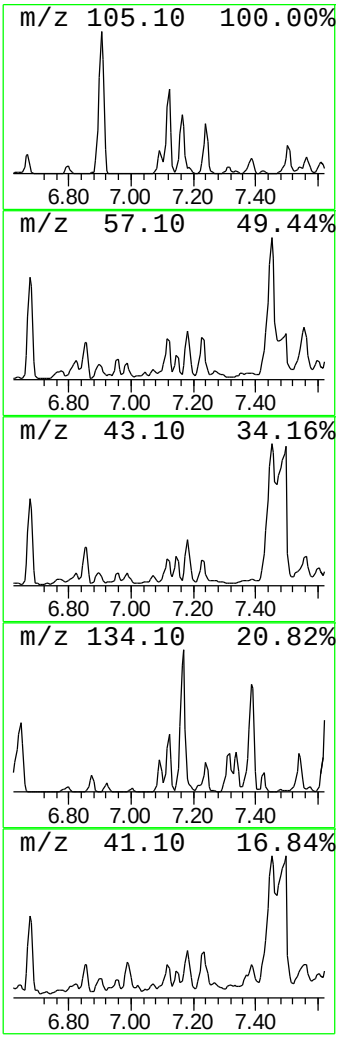
****

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	25.85 ng	1054930	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	49
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	49
4	2-Indanol	134	C9H10O	004254-29-9	43
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	35





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

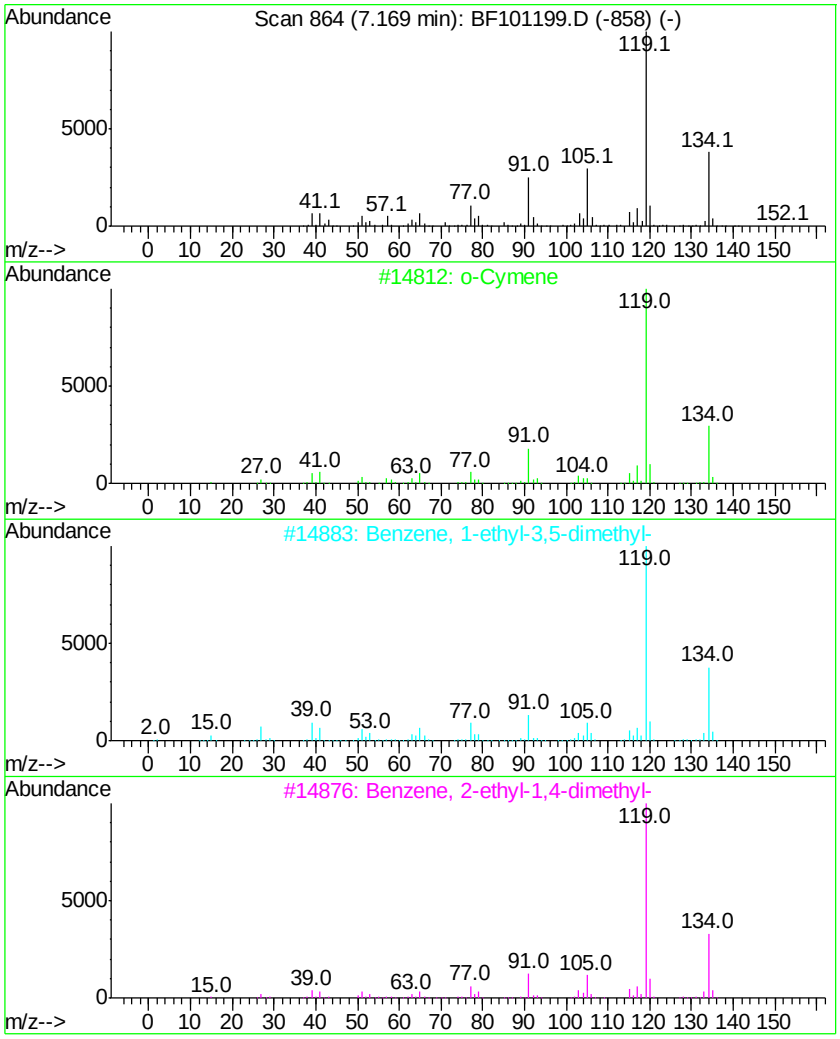
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

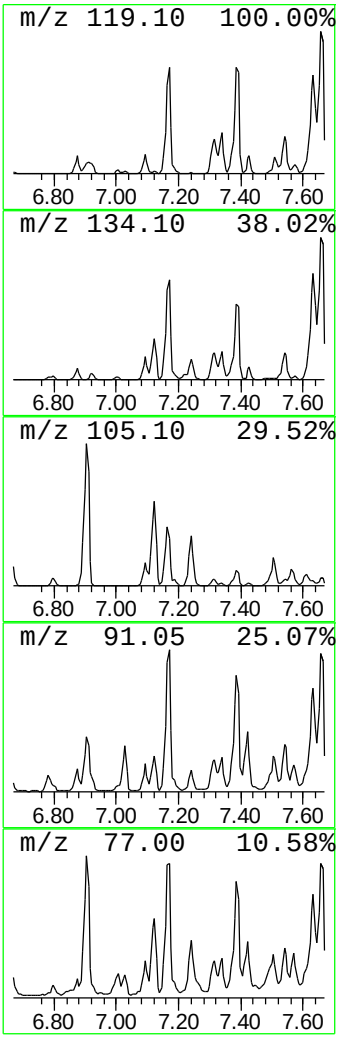
****

Peak Number 7 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	67.47 ng	2753460	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

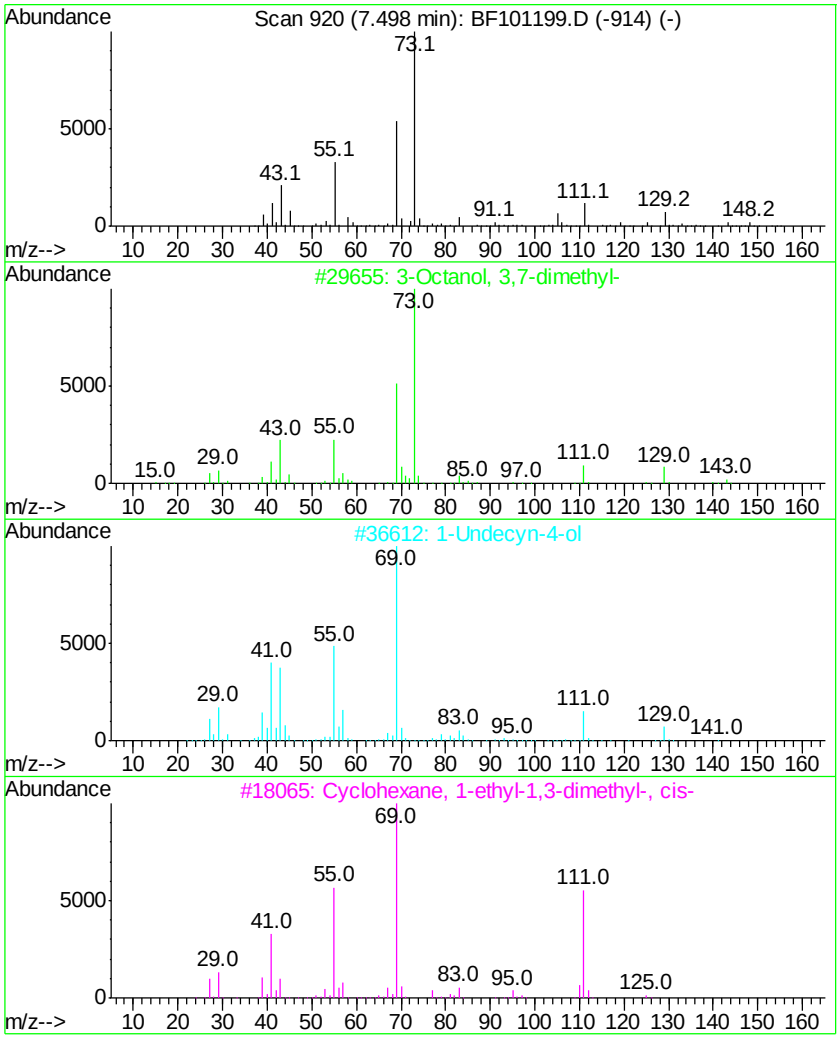
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

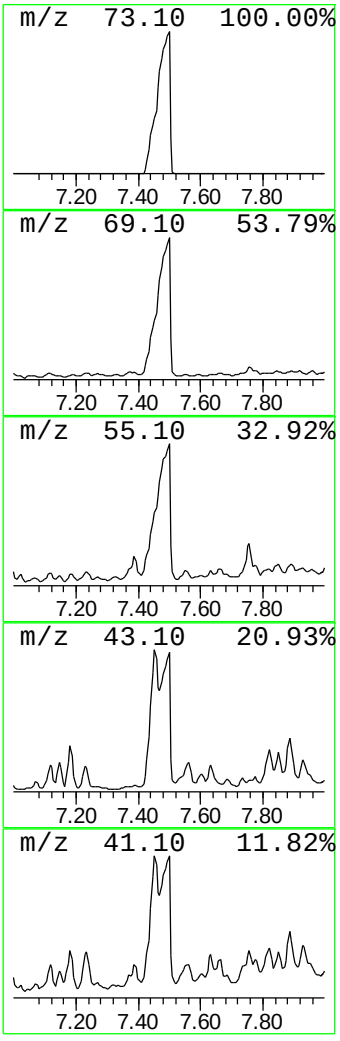
****

Peak Number 8 3-Octanol, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	20.32 ng	10753400	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	64
2	1-Undecyn-4-ol	168	C11H20O	022127-86-2	12
3	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	10
4	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

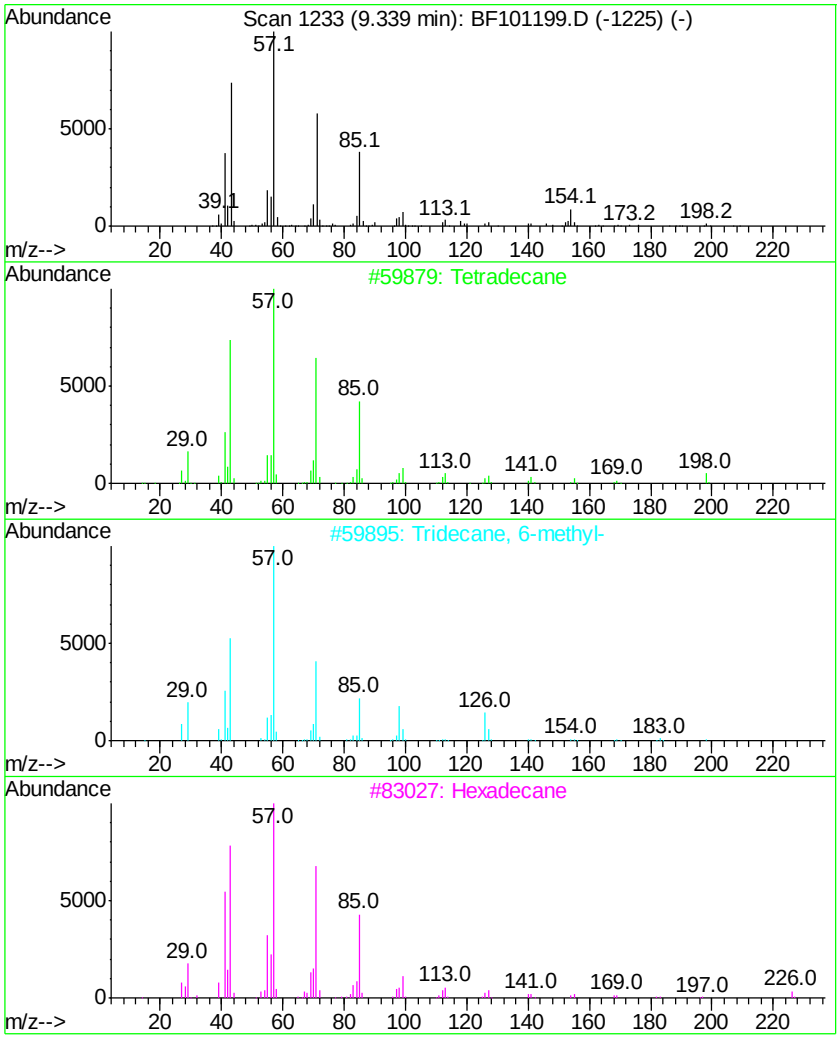
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

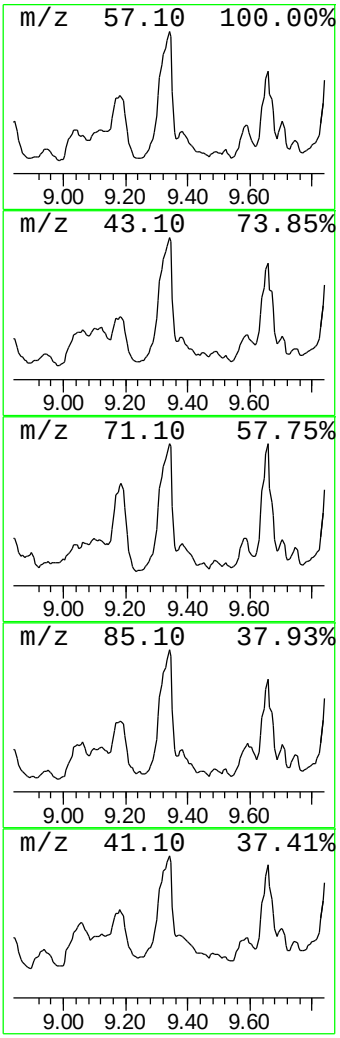
****

Peak Number 9 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	18.78 ng	5194750	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

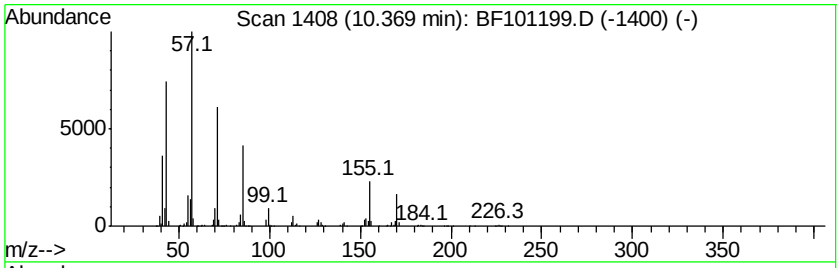
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

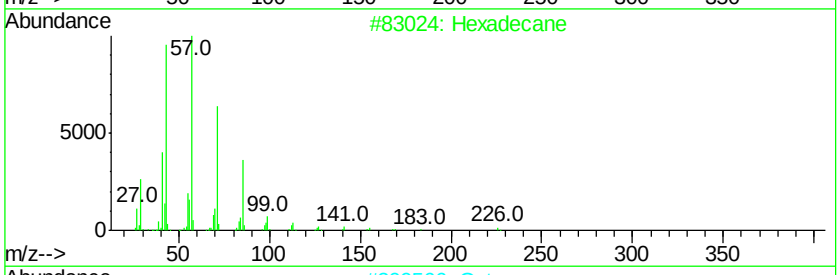
****

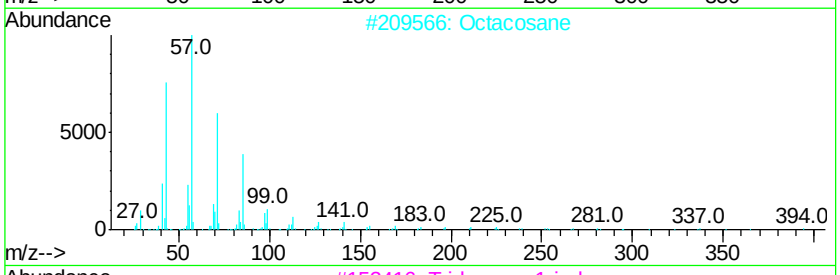
Peak Number 10 Hexadecane Concentration Rank 17

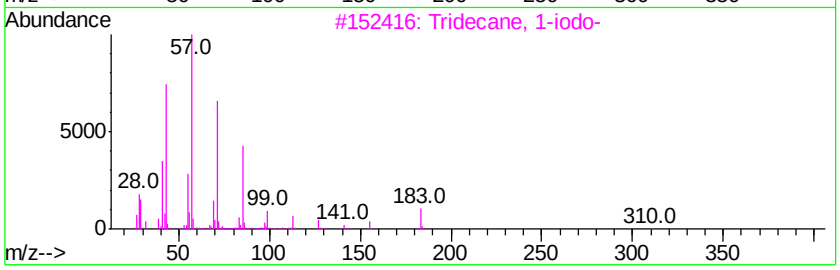
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	24.61 ng	6806760	Acenaphthene-d10	9.86

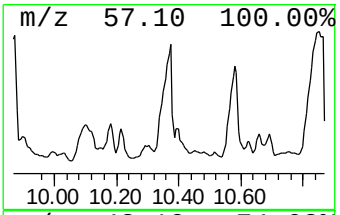
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Octacosane	394	C28H58	000630-02-4	64
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	55
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	53

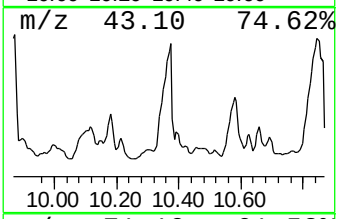


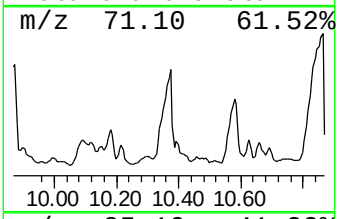


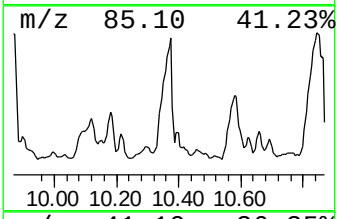


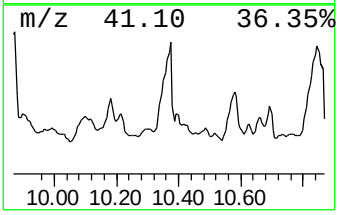












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

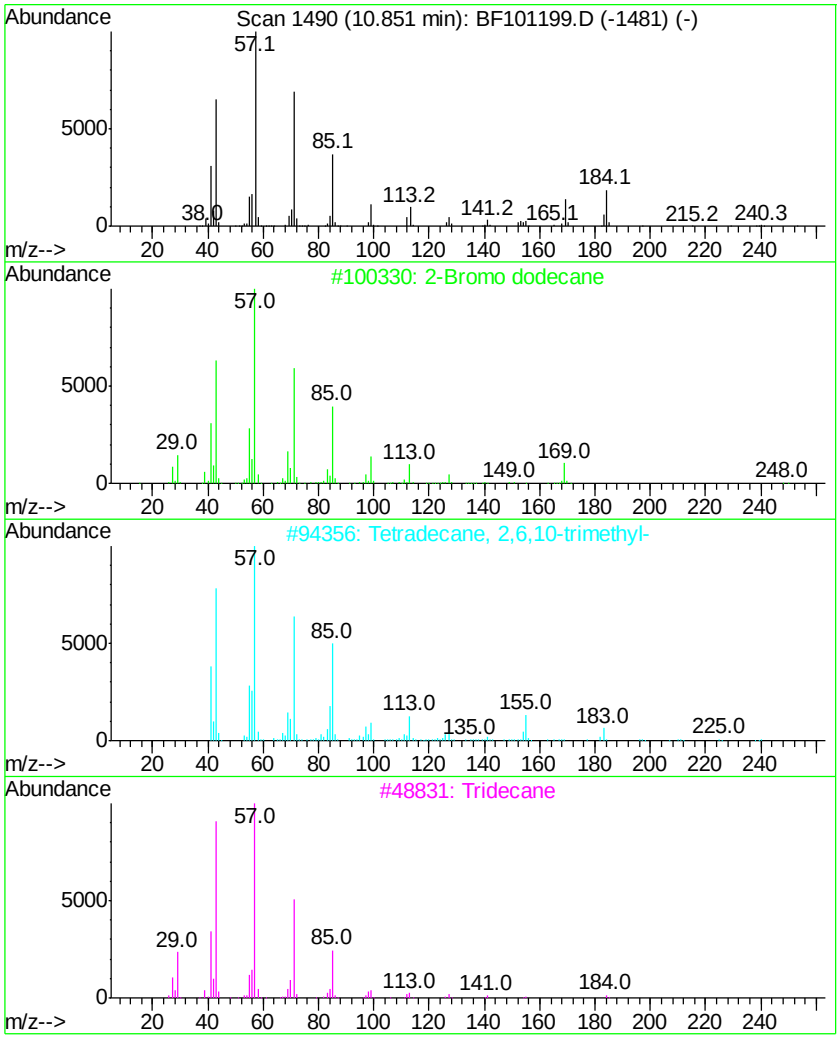
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

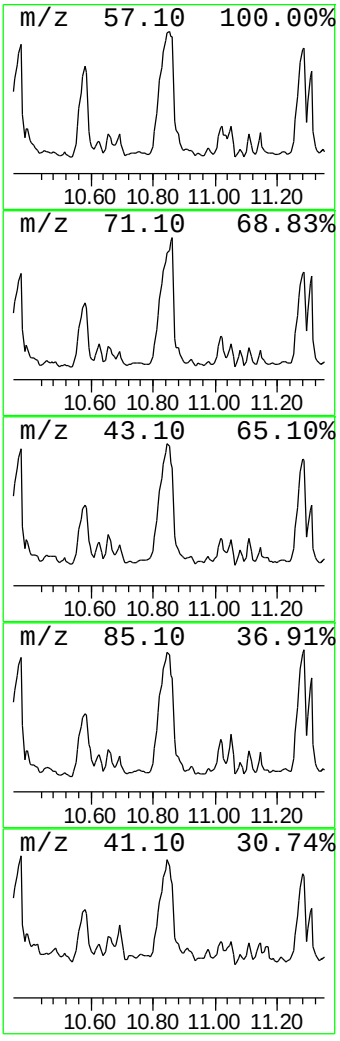
****

Peak Number 11 2-Bromo dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	110.90 ng	8090170	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	76
3	Tridecane	184	C13H28	000629-50-5	74
4	Heneicosane	296	C21H44	000629-94-7	72
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

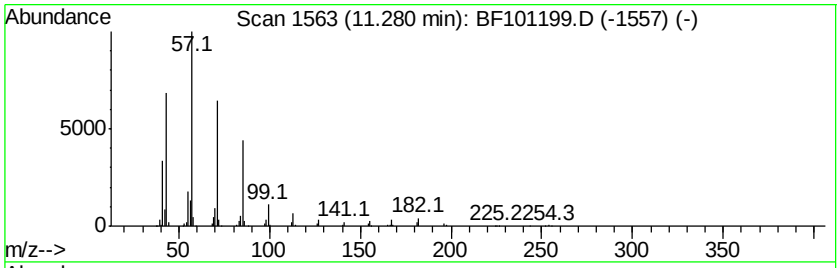
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

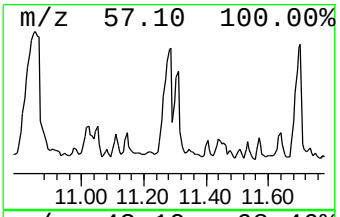
****

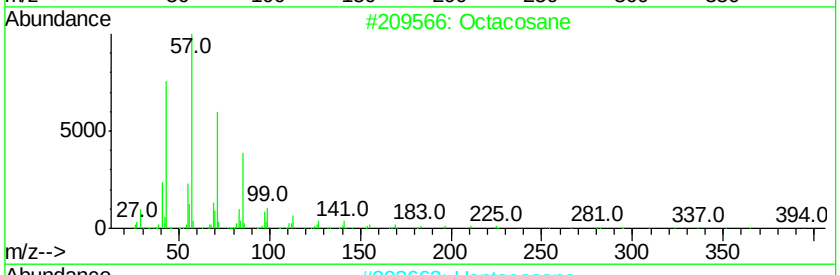
Peak Number 12 Octacosane Concentration Rank 3

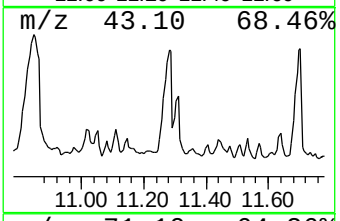
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	57.90 ng	4224200	Phenanthrene-d10	11.42

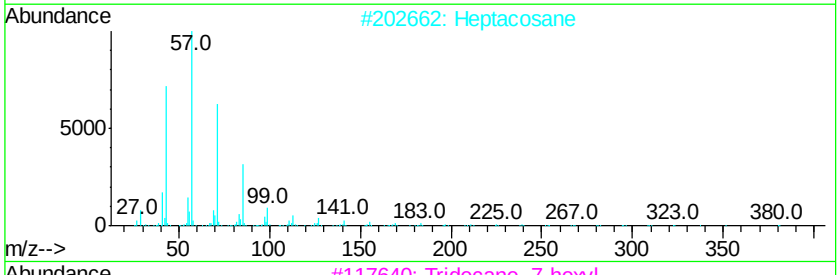
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5	Tetracosane	338	C24H50	000646-31-1	78

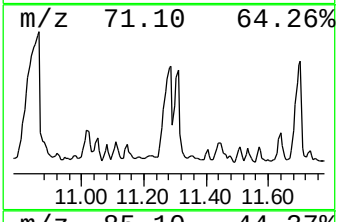


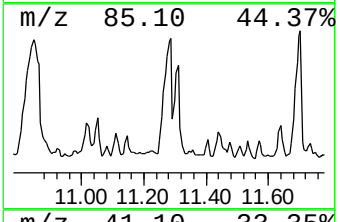


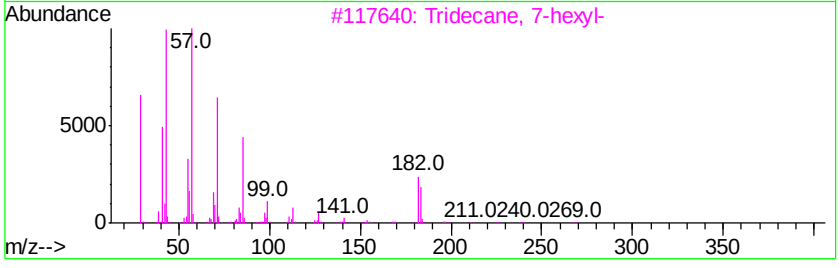


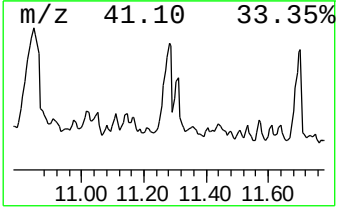












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

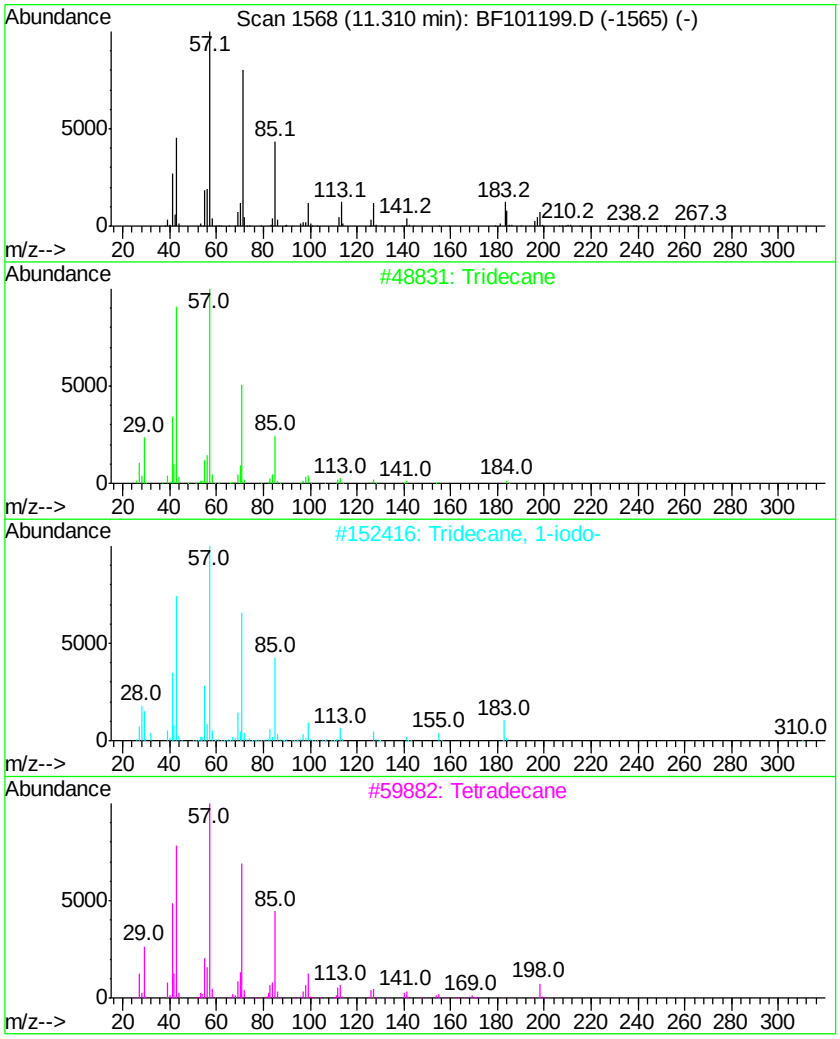
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

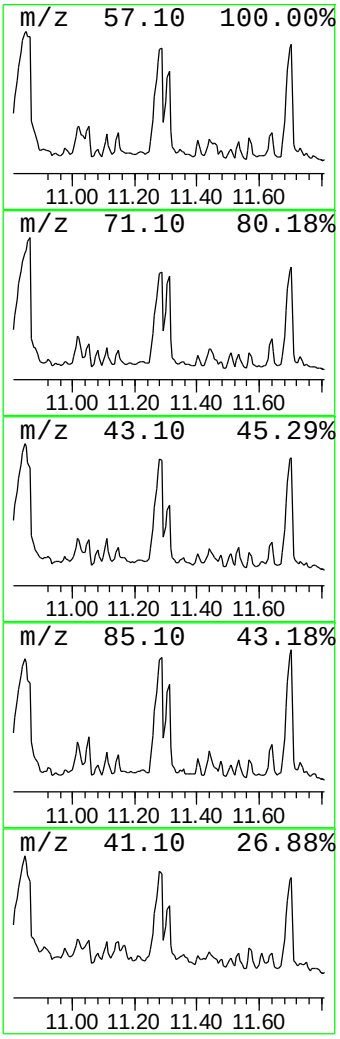
****

Peak Number 13 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	40.70 ng	2969420	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

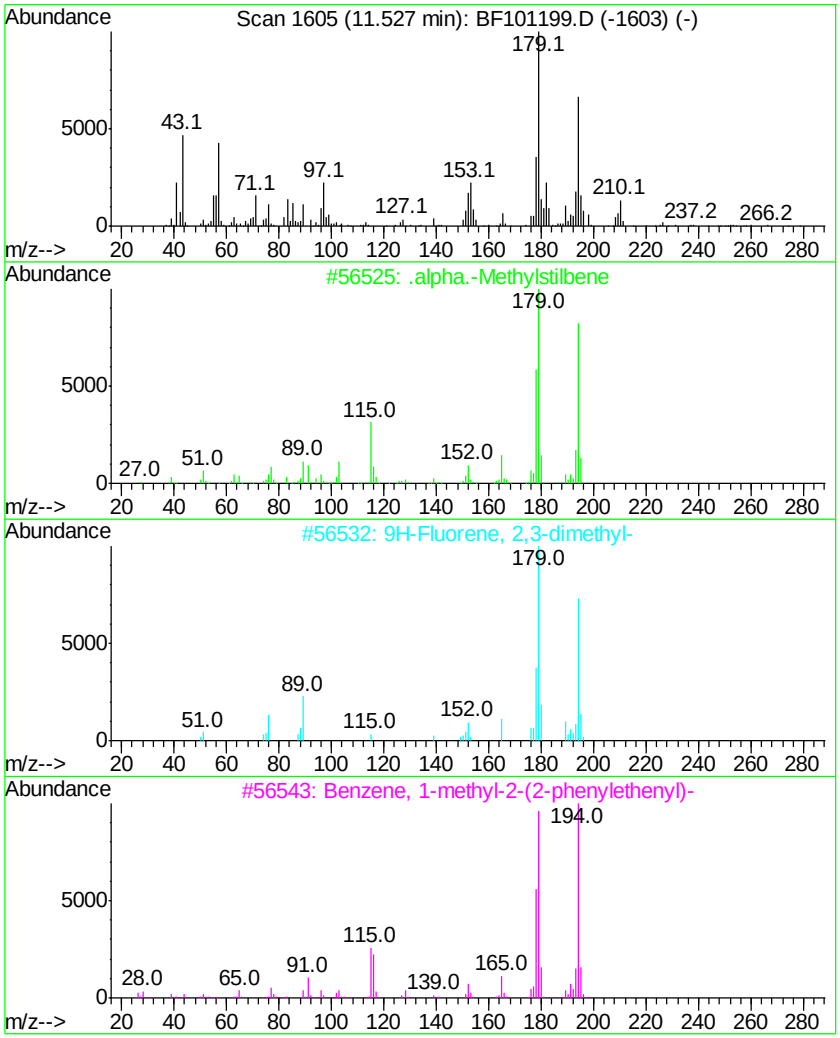
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

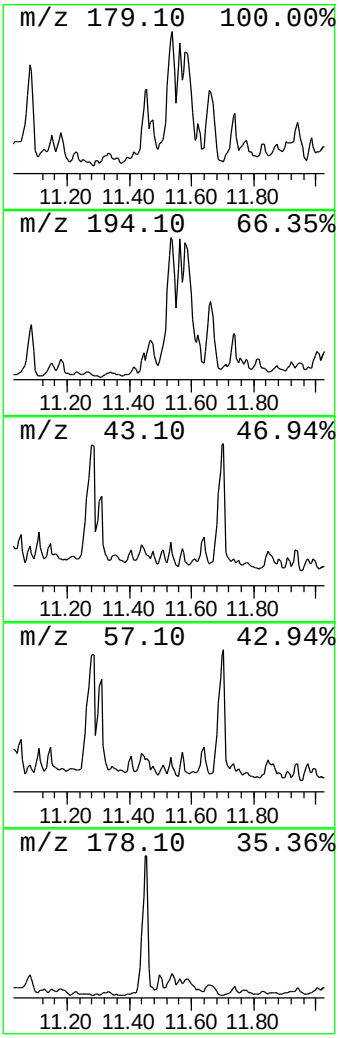
****

Peak Number 14 .alpha.-Methylstilbene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	17.13 ng	1249590	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstilbene	194	C15H14	000779-51-1	60
2	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	53
3	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	49
4	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	46
5	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	43





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

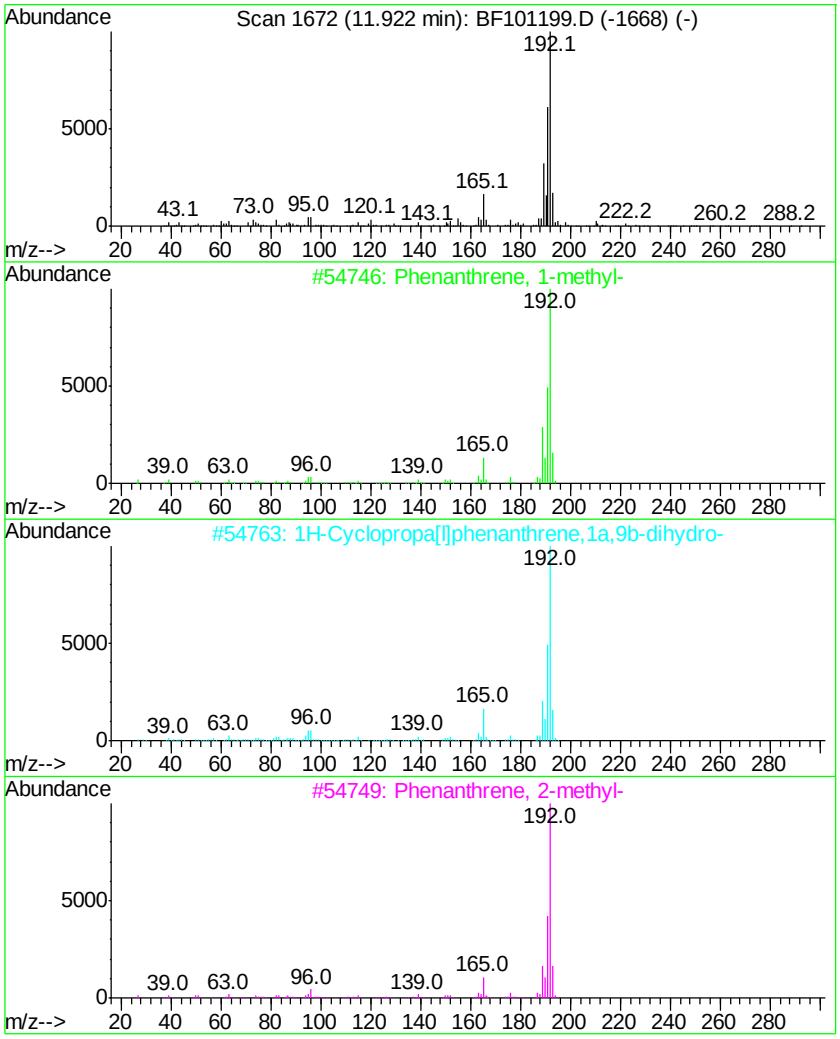
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

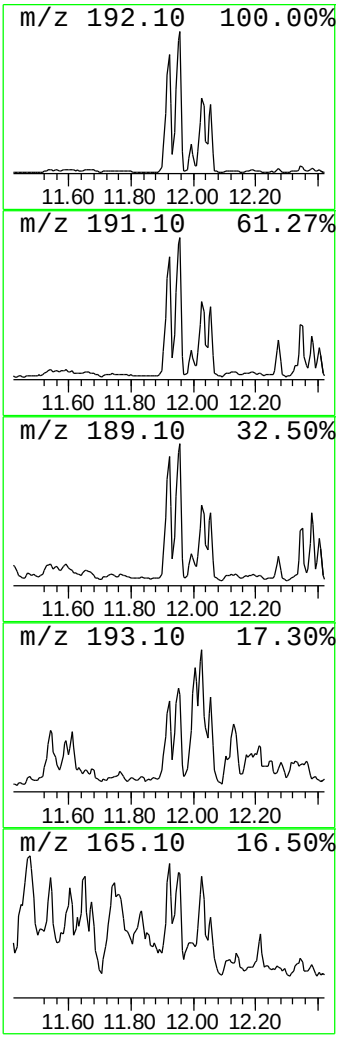
****

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	25.13 ng	1833030	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

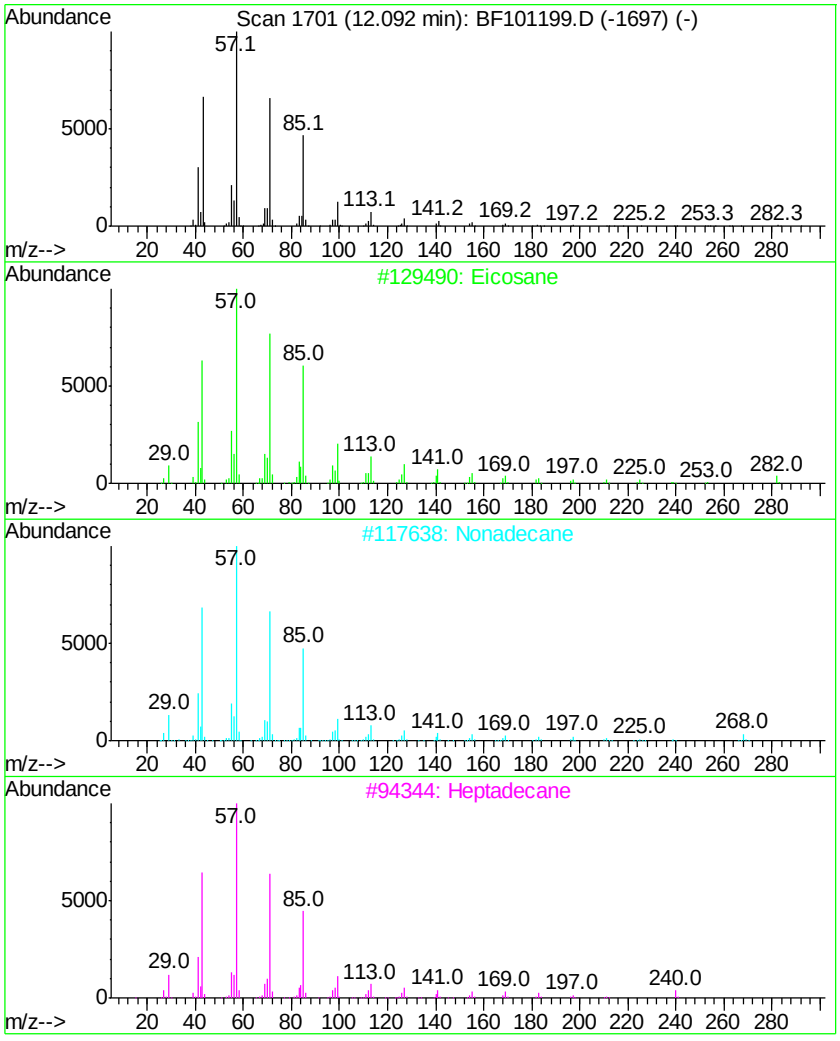
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

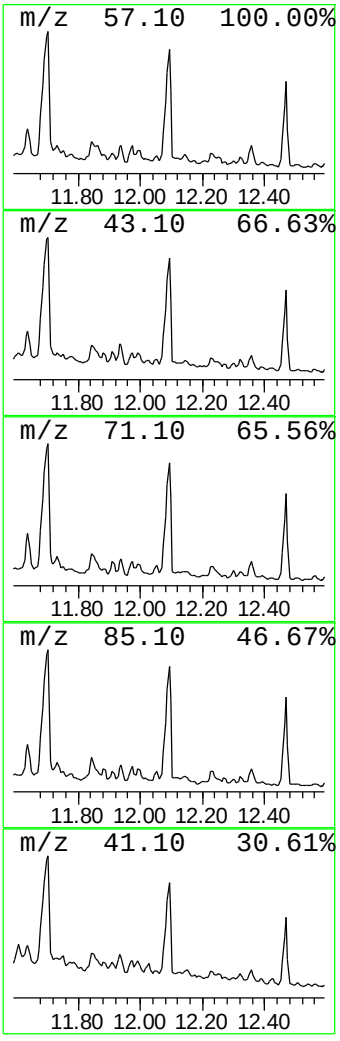
****

Peak Number 17 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	38.74 ng	2826480	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

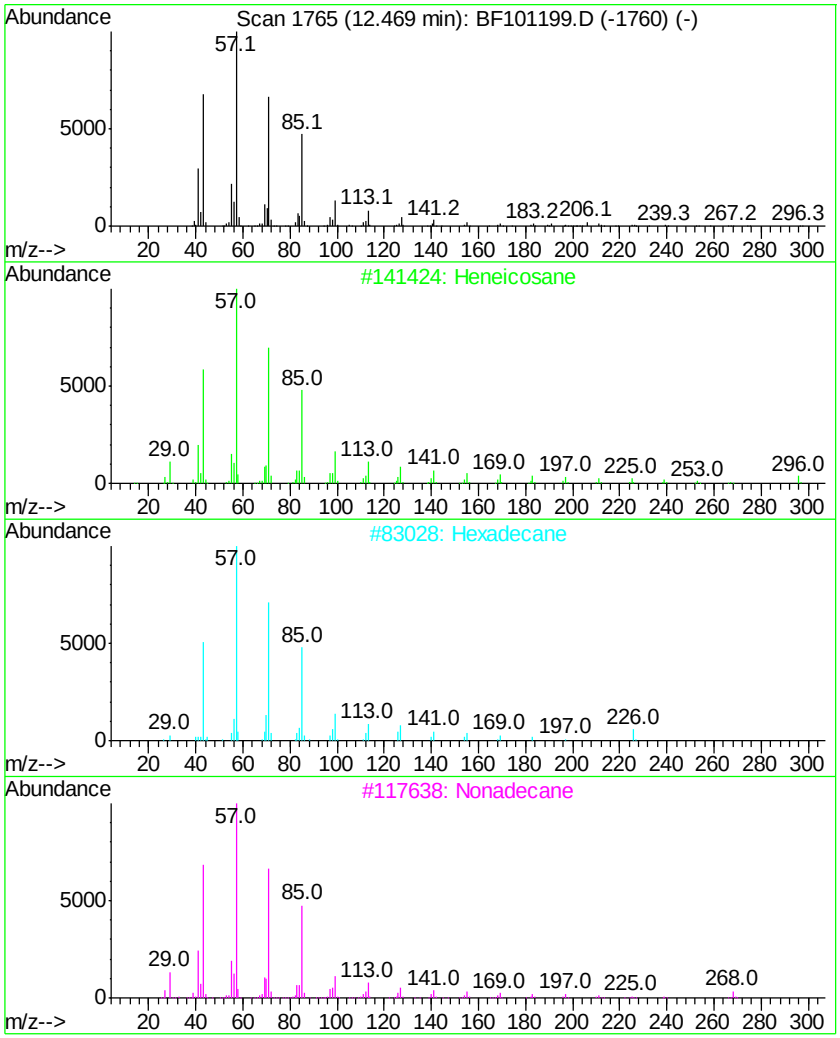
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

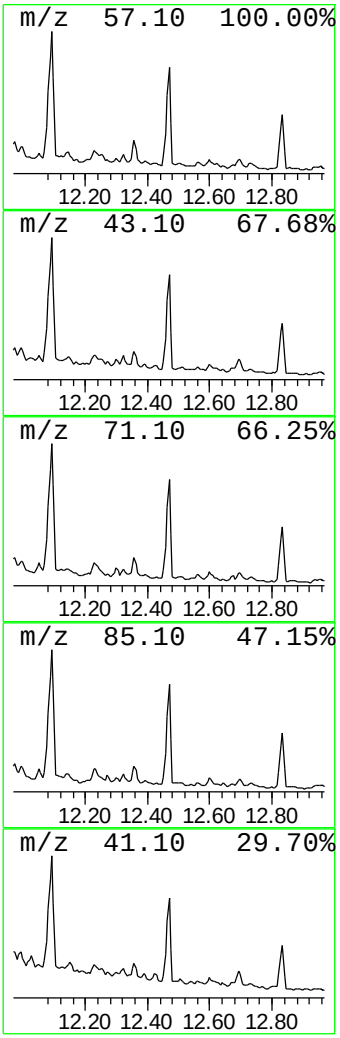
****

Peak Number 18 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	44.00 ng	3209590	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexadecane	226	C16H34	000544-76-3	95
3	Nonadecane	268	C19H40	000629-92-5	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

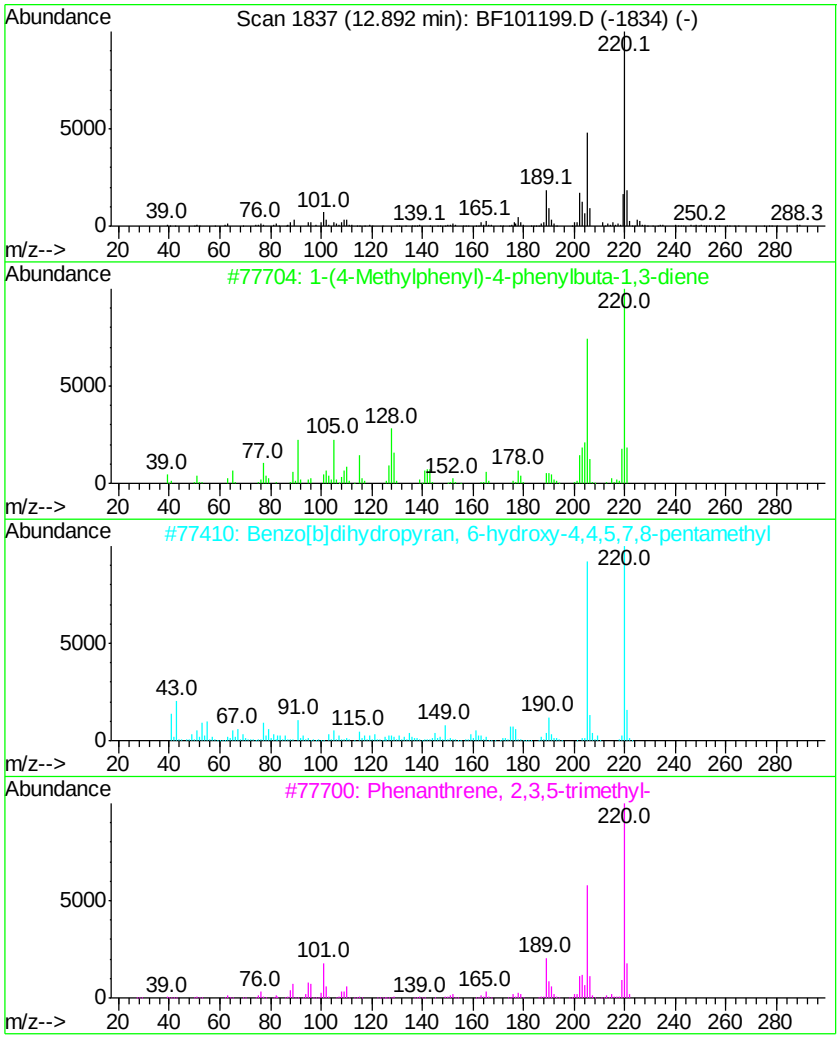
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

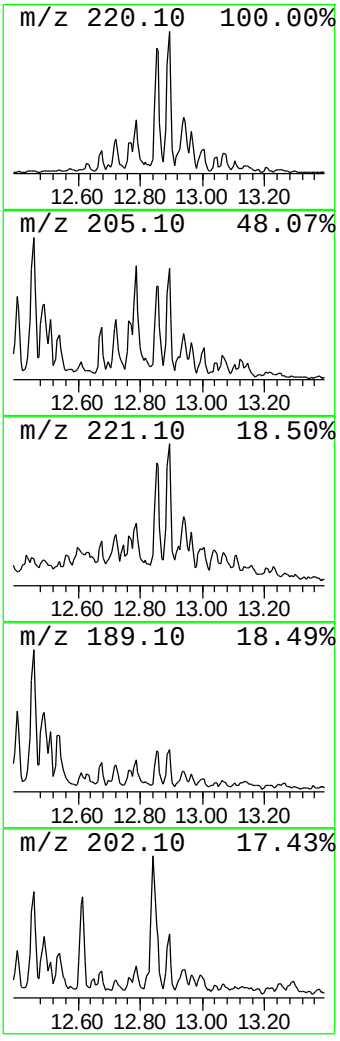
****

Peak Number 19 1-(4-Methylphenyl)-4-phenyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	28.74 ng	379170	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	87
2	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	59
3	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	59
4	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	50
5	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

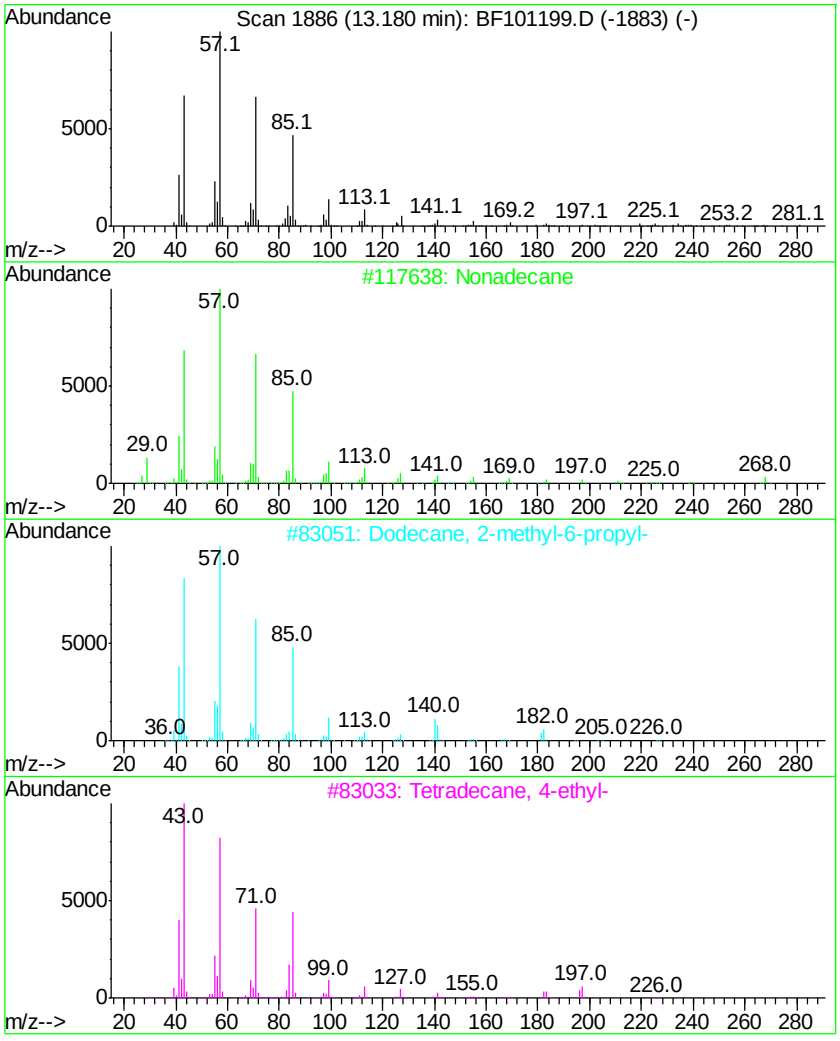
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

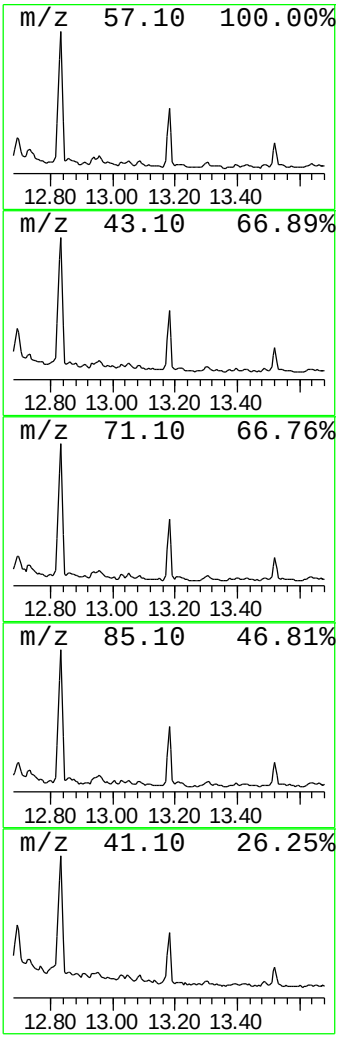
****

Peak Number 20 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	40.55 ng	534938	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTES-1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
Benzene, 1,2,3-tr...	6.45	25.8	ng	1052590	1	6.85	816195	20.0
unknown6.65	6.65	35.9	ng	1466440	1	6.85	816195	20.0
Nonane	6.67	44.9	ng	1832780	1	6.85	816195	20.0
Benzene, 1-ethyl-...	6.90	33.0	ng	1346480	1	6.85	816195	20.0
Benzene, 1-methyl...	7.12	25.9	ng	1054930	1	6.85	816195	20.0
o-Cymene	7.17	67.5	ng	2753460	1	6.85	816195	20.0
3-Octanol, 3,7-di...	7.50	20.3	ng	10753400	2	8.15	10581700	20.0
Tetradecane	9.34	18.8	ng	5194750	3	9.86	5531270	20.0
Hexadecane	10.37	24.6	ng	6806760	3	9.86	5531270	20.0
2-Bromo dodecane	10.85	110.9	ng	8090170	4	11.42	1459050	20.0
Octacosane	11.28	57.9	ng	4224200	4	11.42	1459050	20.0
Tridecane	11.31	40.7	ng	2969420	4	11.42	1459050	20.0
.alpha.-Methylsti...	11.53	17.1	ng	1249590	4	11.42	1459050	20.0
Phenanthrene, 1-m...	11.92	25.1	ng	1833030	4	11.42	1459050	20.0
Eicosane	12.09	38.7	ng	2826480	4	11.42	1459050	20.0
Heneicosane	12.47	44.0	ng	3209590	4	11.42	1459050	20.0
1-(4-Methylphenyl...	12.89	28.7	ng	379170	5	14.03	263852	20.0
Nonadecane	13.18	40.5	ng	534938	5	14.03	263852	20.0