LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

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-BF092218.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	4.893	473	477	481	rBV3	16102	21584	2.33%	0.178%
2	5.310	545	548	557	rBV	415740	390304	42.10%	3.226%
3	5.722	612	618	622	rVB3	13722	21480	2.32%	0.178%
4	5.963	657	659	665	rVB3	27422	33968	3.66%	0.281%
5	6.151	685	691	694	rBV3	19108	24567	2.65%	0.203%
6	6.245	704	707	711	rBV3	28890	36657	3.95%	0.303%
7	6.340	720	723	729	rVV	487187	445112	48.01%	3.679%
8	6.387	729	731	733	rVV2	20749	18711	2.02%	0.155%
9	6.475	739	746	754	rBV	540751	491099	52.97%	4.059%
10	6.557	758	760	765	rVB3	30660	37877	4.09%	0.313%
11	6.710	782	786	789	rVV	728532	664693	71.70%	5.493%
12	6.734	789	790	794	rVB2	41846	34892	3.76%	0.288%
13	6.775	794	797	800	rBV3	32411	40530	4.37%	0.335%
14	6.863	809	812	816	rVV	460635	373653	40.31%	3.088%
15	6.898	816	818	821	rVB	24994	22116	2.39%	0.183%
16	6.987	830	833	837	rVB3	33111	46762	5.04%	0.386%
17	7.034	837	841	843	rVB3	27261	25080	2.71%	0.207%
18	7.063	843	846	849	rBV2	23790	26089	2.81%	0.216%
19	7.110	850	854	856	rBV	65462	55987	6.04%	0.463%
20	7.140	856	859	861	rBV3	20989	22926	2.47%	0.189%
21	7.263	872	880	884	rBV	322484	328391	35.42%	2.714%
22	7.298	884	886	887	rVV	26892	21188	2.29%	0.175%
23	7.322	887	890	892	rVB2	59258	55838	6.02%	0.461%
24	7.363	892	897	901	rVB5	65855	108588	11.71%	0.897%
25	7.416	901	906	907	rBV4	25654	43824	4.73%	0.362%
26	7.434	907	909	913	rVB4	26814	25877	2.79%	0.214%
27	7.487	913	918	920	rBV3	33048	51598	5.57%	0.426%
28	7.522	920	924	928	rVB3	90822	106913	11.53%	0.884%
29	7.587	932	935	937	rBV3	27205	36002	3.88%	0.298%
30	7.634	937	943	948	rVB6	99009	156231	16.85%	1.291%
31	7.687	948	952	954	rBV3	27743	41113	4.43%	0.340%
32	7.722	956	958	962	rVB3	20228	17979	1.94%	0.149%
33	7.757	962	964	967	rVB2	38421	40762	4.40%	0.337%
34	7.804	970	972	973	rBV2	23255	18010	1.94%	0.149%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.822	973	975	979	rVB4	43809	47929	5.17%	0.396%
36	7.869	979	983	984	rBV3	37274	41620	4.49%	0.344%
37	7.887	984	986	987	rBV2	26356	18419	1.99%	0.152%
38	7.939	992	995	996	rBV2	40356	35640	3.84%	0.295%
39	7.987	999	1003	1008	rVV	970580	927043	100.00%	7.661%
40	8.028	1008	1010	1011	rVV	39189	33098	3.57%	0.274%
41	8.045	1011	1013	1015	rVV3	65683	52729	5.69%	0.436%
42	8.069	1015	1017	1019	rVV2	81666	63586	6.86%	0.525%
43	8.092	1019	1021	1024	rVV3	31353	34274	3.70%	0.283%
44	8.122	1024	1026	1028	rVB2	35392	24542	2.65%	0.203%
45	8.169	1032	1034	1038	rBV5	37772	32870	3.55%	0.272%
46	8.204	1038	1040	1042	rBV2	49732	36517	3.94%	0.302%
47	8.287	1050	1054	1057	rBV6	69319	94918	10.24%	0.784%
48	8.316	1057	1059	1062	rBV3	27299	23311	2.51%	0.193%
49	8.345	1062	1064	1067	rVB3	56264	40743	4.39%	0.337%
50	8.381	1067	1070	1073	rVB4	38109	44073	4.75%	0.364%
51	8.428	1075	1078	1079	rBV2	89010	75092	8.10%	0.621%
52	8.498	1088	1090	1093	rBV2	31718	27964	3.02%	0.231%
53	8.539	1095	1097	1102	rVB3	40133	37570	4.05%	0.310%
54	8.592	1103	1106	1111	rBV2	99832	116162	12.53%	0.960%
55	8.687	1120	1122	1126	rVB4	65719	77974	8.41%	0.644%
56	8.739	1129	1131	1134	rBV3	21294	30635	3.30%	0.253%
57	8.875	1152	1154	1156	rVV3	52609	48989	5.28%	0.405%
58	8.904	1157	1159	1164	rVB4	41382	58266	6.29%	0.482%
59	9.022	1176	1179	1182	rVB	77529	68783	7.42%	0.568%
60	9.063	1182	1186	1191	rVB	538110	438449	47.30%	3.623%
61	9.157	1198	1202	1206	rBV2	108948	111189	11.99%	0.919%
62	9.269	1219	1221	1225	rVB4	29294	30393	3.28%	0.251%
63	9.322	1226	1230	1236	rVV3	24052	54324	5.86%	0.449%
64	9.375	1237	1239	1241	rVV3	24305	24331	2.62%	0.201%
65	9.404	1241	1244	1247	rVV2	35591	55632	6.00%	0.460%
66	9.457	1250	1253	1255	rVV	86435	84504	9.12%	0.698%
67	9.475	1255	1256	1259	rVB2	58619	39775	4.29%	0.329%
68	9.563	1268	1271	1273	rVB3	17819	18970	2.05%	0.157%
69	9.610	1276	1279	1284	rVB7	12309	22345	2.41%	0.185%
70	9.657	1284	1287	1289	rVB	33897	28286	3.05%	0.234%
71	9.686	1289	1292	1295	rVB2	52811	44110	4.76%	0.365%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.739	1296	1301	1305	rBV	896209	749034	80.80%	6.190%
73	10.010	1344	1347	1349	rVB2	23244	19930	2.15%	0.165%
74	10.181	1374	1376	1378	rVB	33632	22973	2.48%	0.190%
75	10.404	1410	1414	1419	rVB2	20147	21355	2.30%	0.176%
76	10.522	1430	1434	1438	rBV	206342	184722	19.93%	1.527%
77	10.651	1453	1456	1463	rVB2	45481	65406	7.06%	0.541%
78	11.098	1529	1532	1535	rBV2	31608	24977	2.69%	0.206%
79	11.128	1535	1537	1543	rVB2	20017	18284	1.97%	0.151%
80	11.216	1548	1552	1555	rBV	823407	657089	70.88%	5.430%
81	11.522	1601	1604	1606	rBV	25493	19795	2.14%	0.164%
82	11.575	1610	1613	1618	rVV2	16153	20370	2.20%	0.168%
83	11.751	1639	1643	1647	rVV3	47524	54176	5.84%	0.448%
84	12.269	1727	1731	1733	rBV2	28334	37643	4.06%	0.311%
85	12.316	1738	1739	1742	rVB2	22799	19416	2.09%	0.160%
86	12.422	1754	1757	1760	rBV	60383	48108	5.19%	0.398%
87	12.533	1773	1776	1782	rBV4	50676	75873	8.18%	0.627%
88	12.645	1793	1795	1798	rBV	41915	40239	4.34%	0.333%
89	12.686	1800	1802	1804	rVB3	27640	22000	2.37%	0.182%
90	12.792	1817	1820	1830	rVB	386500	366914	39.58%	3.032%
91	13.380	1918	1920	1924	rBV	35967	34840	3.76%	0.288%
92	13.710	1974	1976	1981	rVB3	57504	66358	7.16%	0.548%
93	13.845	1995	1999	2002	rBV	673873	623182	67.22%	5.150%
94	14.027	2027	2030	2034	rBV	68771	67532	7.28%	0.558%
95	14.327	2078	2081	2084	rBV	139264	128932	13.91%	1.066%
96	14.621	2128	2131	2137	rBV	248642	265794	28.67%	2.197%
97	14.939	2181	2185	2189	rVB	336066	394806	42.59%	3.263%
98	15.251	2234	2238	2241	rVV	344650	381948	41.20%	3.157%
99	15.292	2241	2245	2249	rVB	356154	421262	45.44%	3.481%
100	15.692	2310	2313	2318	rVB	238727	315777	34.06%	2.610%

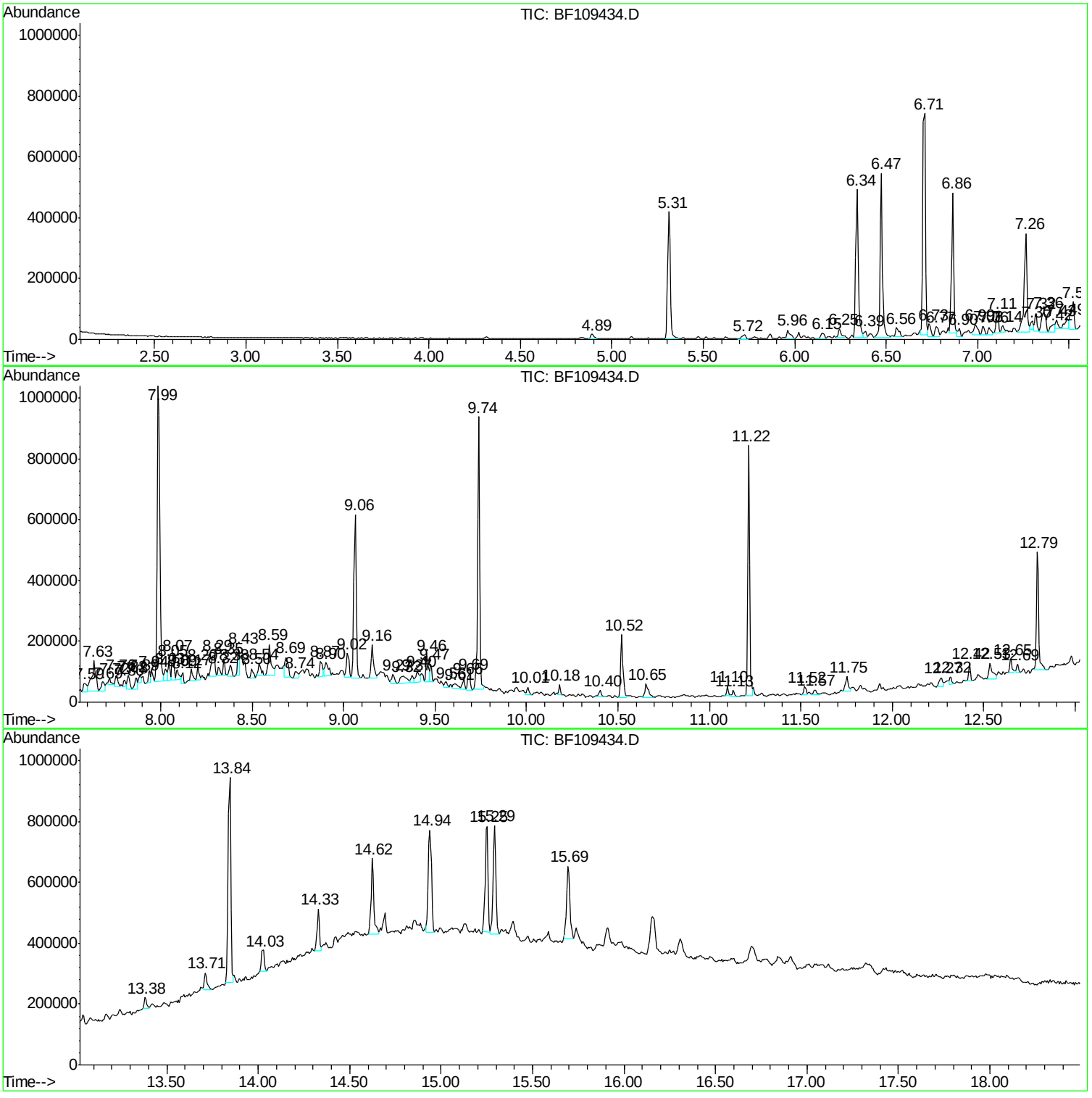
Sum of corrected areas: 12100191

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-092718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-092718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

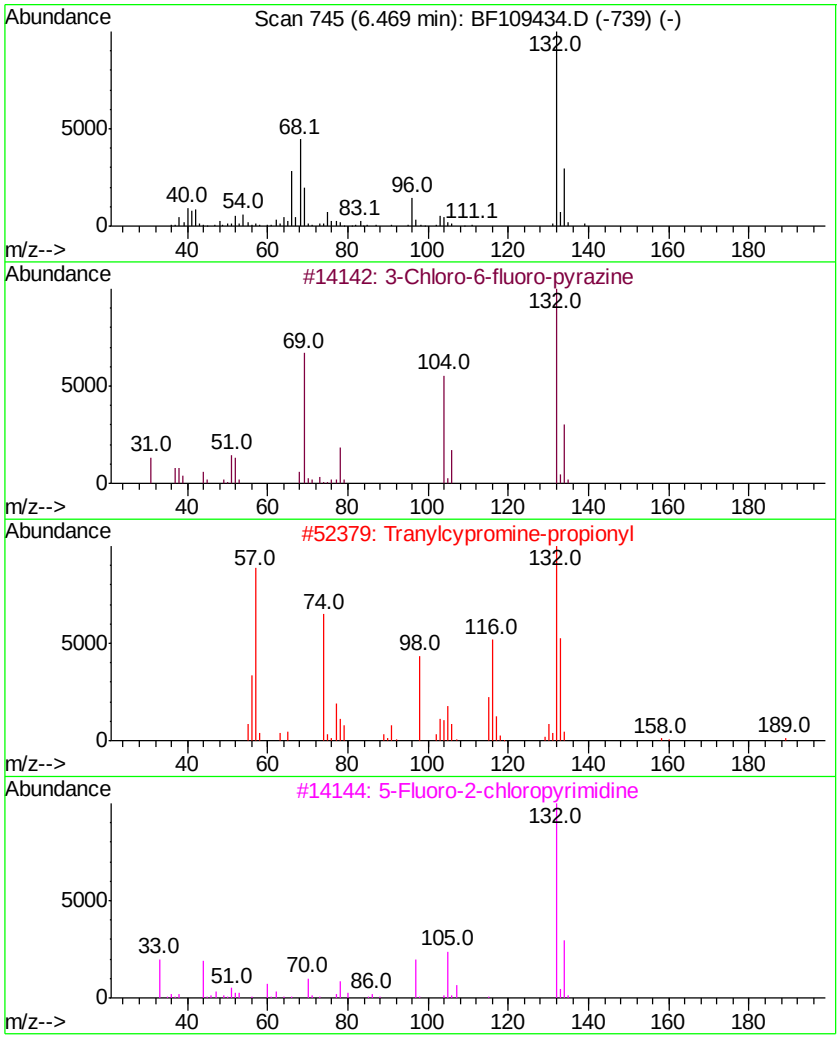
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

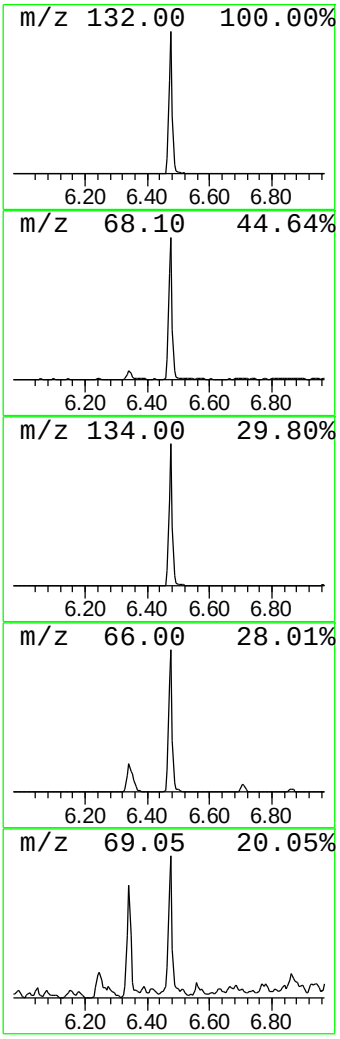
****

Peak Number 1 unknown6.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	14.78 ng	491099	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

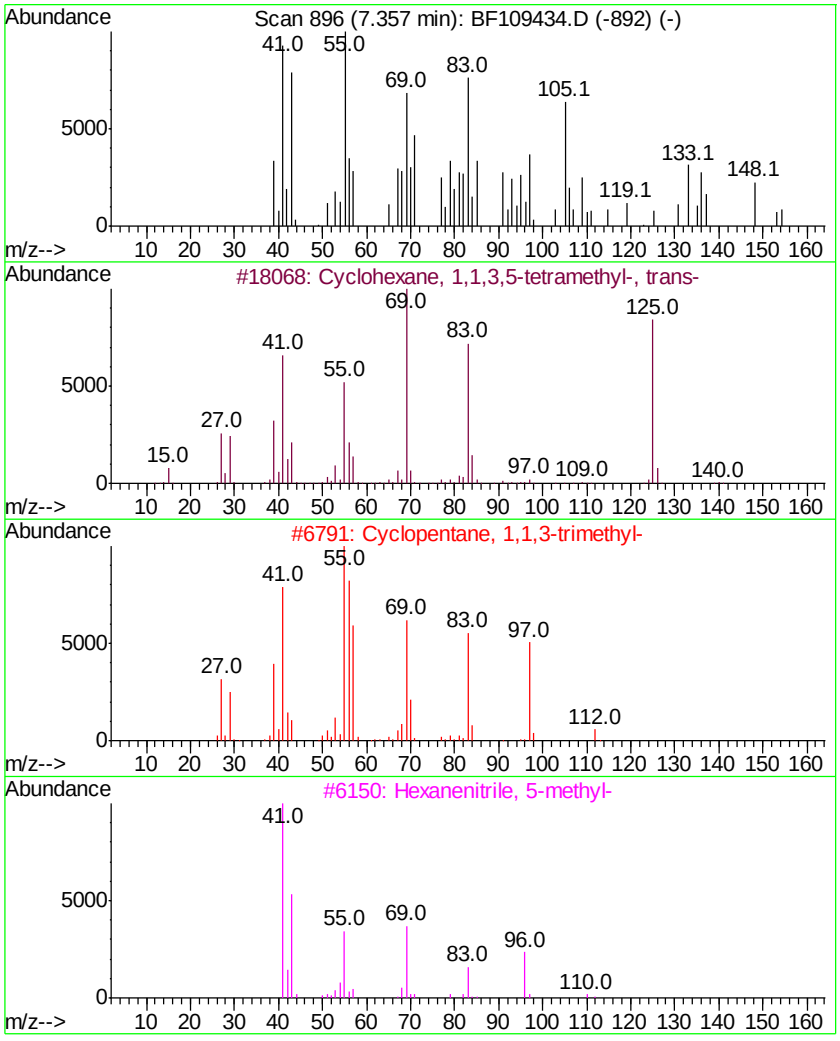
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

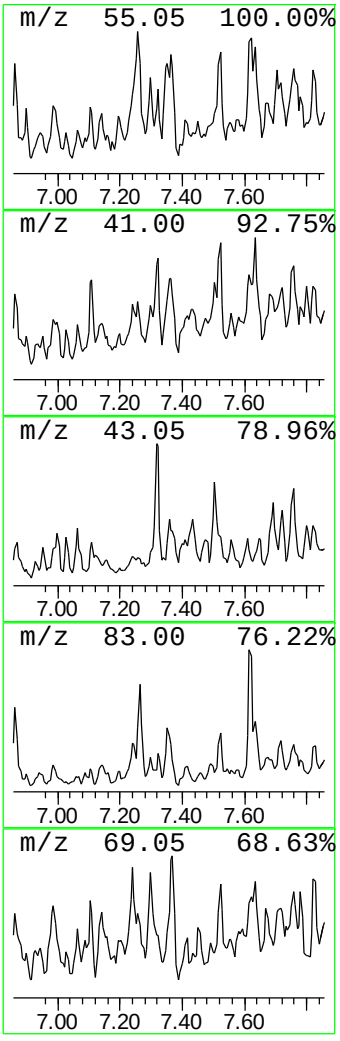
****

Peak Number 3 unknown7.36 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	2.34 ng	108588	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	35
3	Hexanenitrile, 5-methyl-	111	C7H13N	019424-34-1	35
4	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	30
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

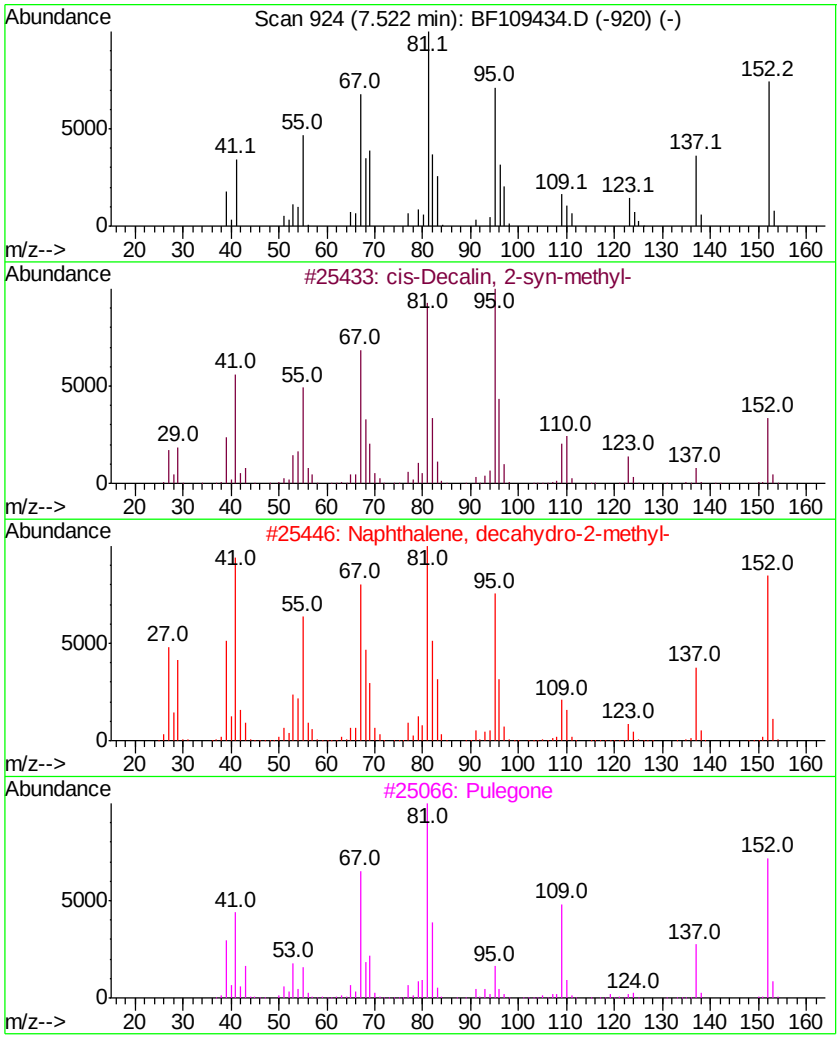
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

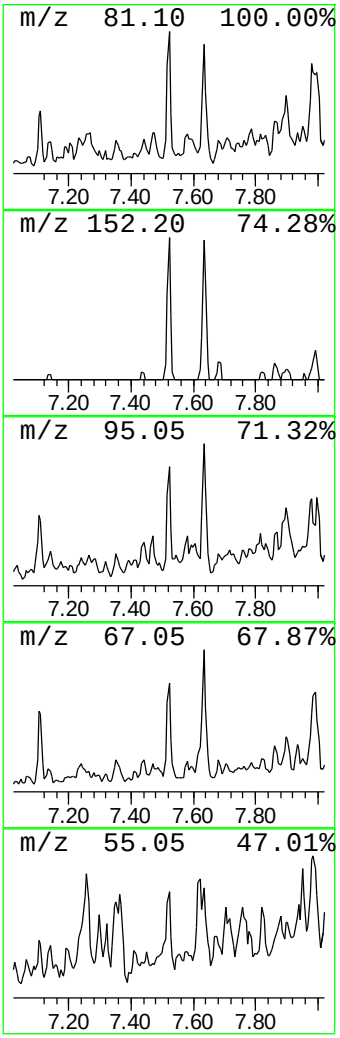
****

Peak Number 4 cis-Decalin, 2-syn-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	2.31 ng	106913	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	93
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3	Pulegone	152	C10H16O	000089-82-7	64
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

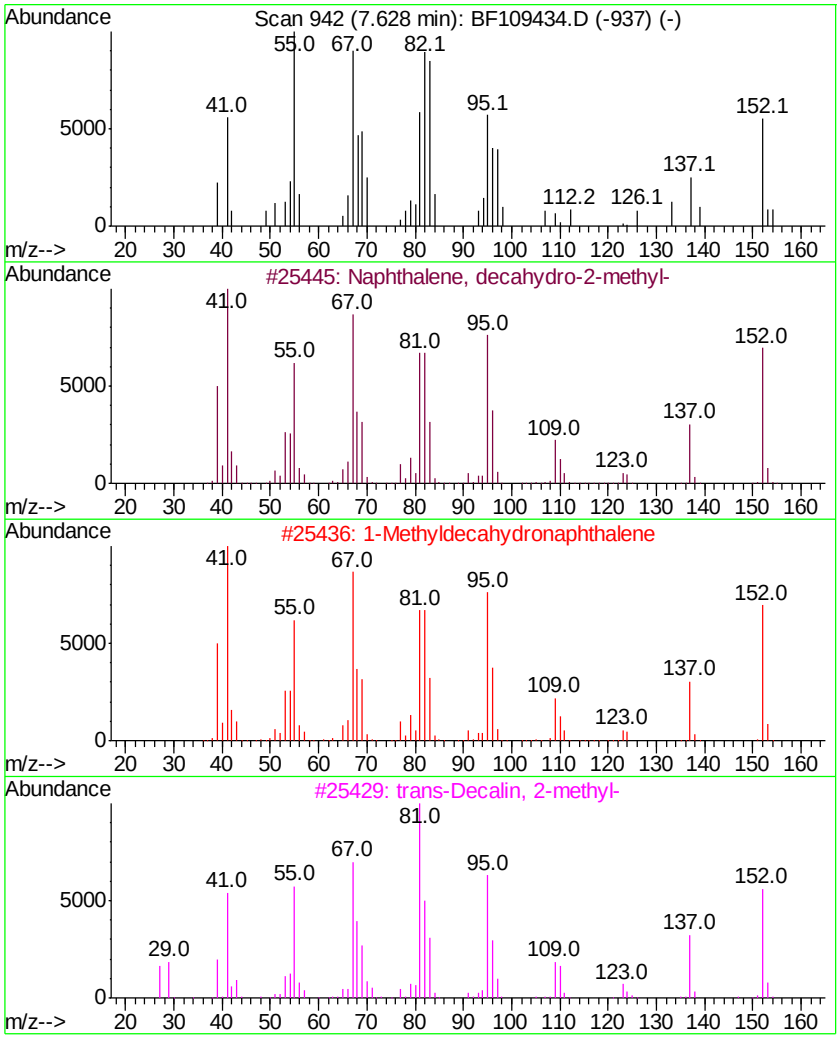
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

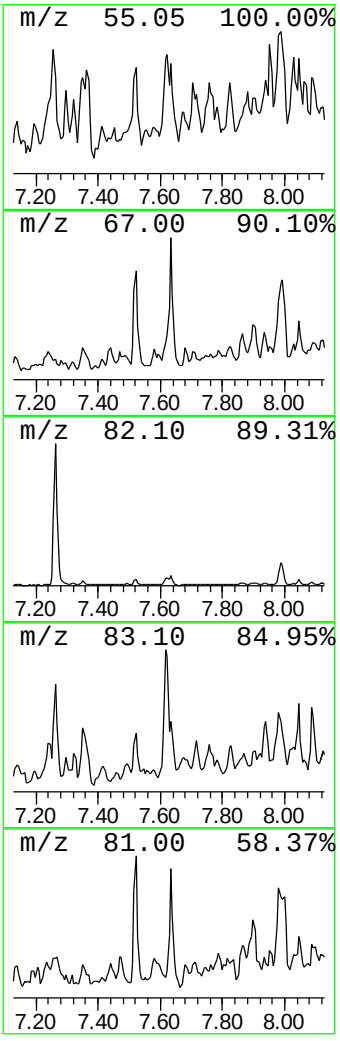
****

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	3.37 ng	156231	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

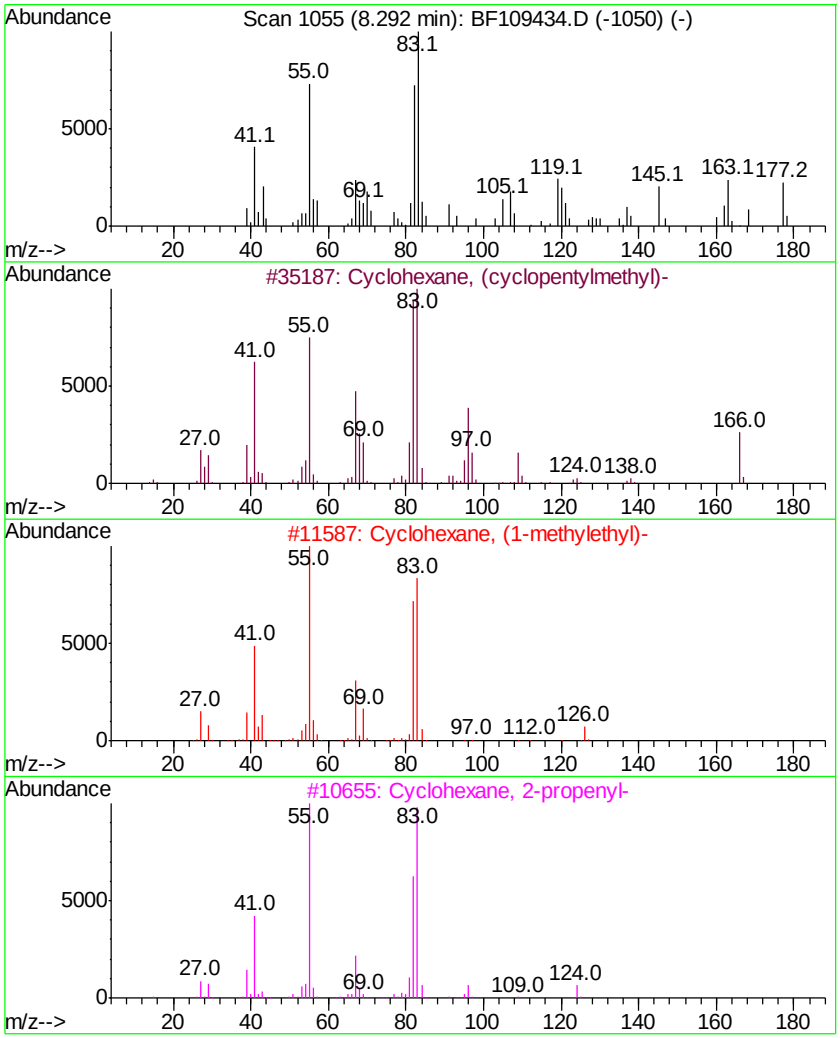
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

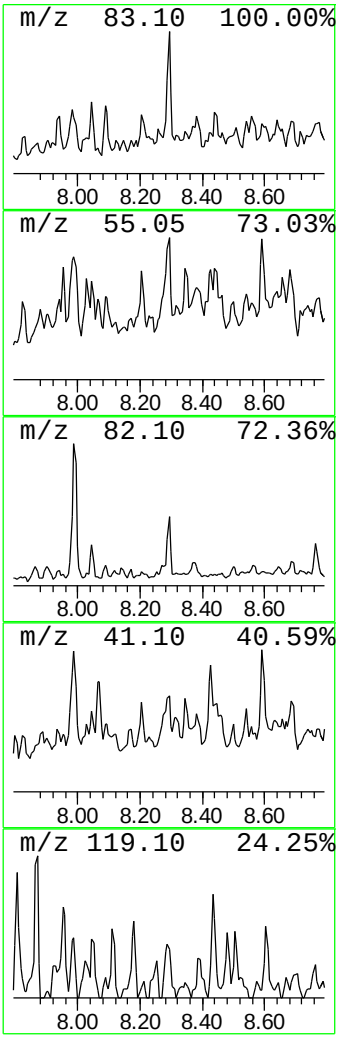
****

Peak Number 6 unknown8.29 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	2.05 ng	94918	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	46
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	41
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	27
5	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	27





Library Search Compound Report

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Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

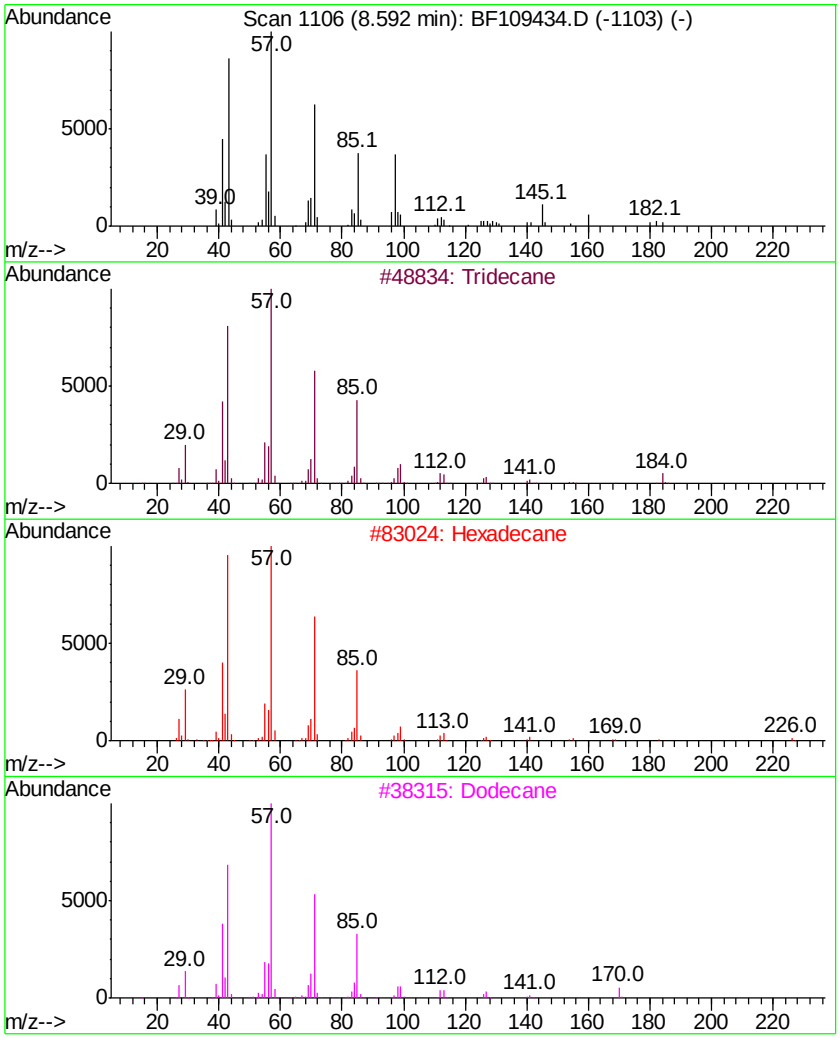
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

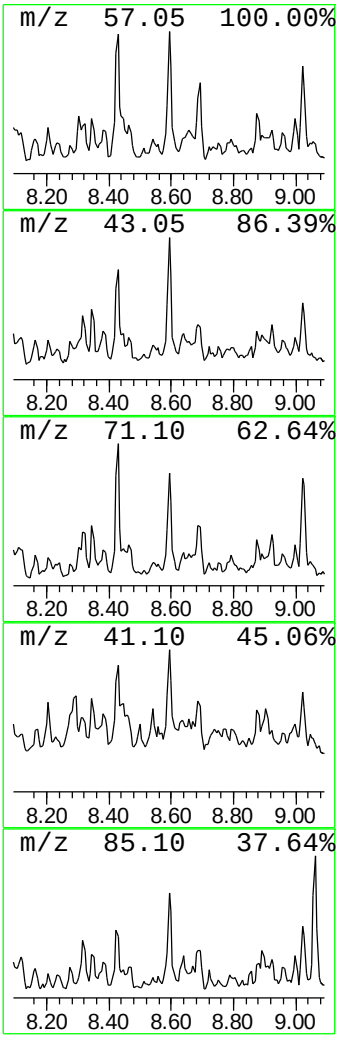
****

Peak Number 7 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	2.51 ng	116162	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	52
3	Dodecane	170	C12H26	000112-40-3	52
4	Tetradecane	198	C14H30	000629-59-4	52
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	50





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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId : PL-01-092718-A

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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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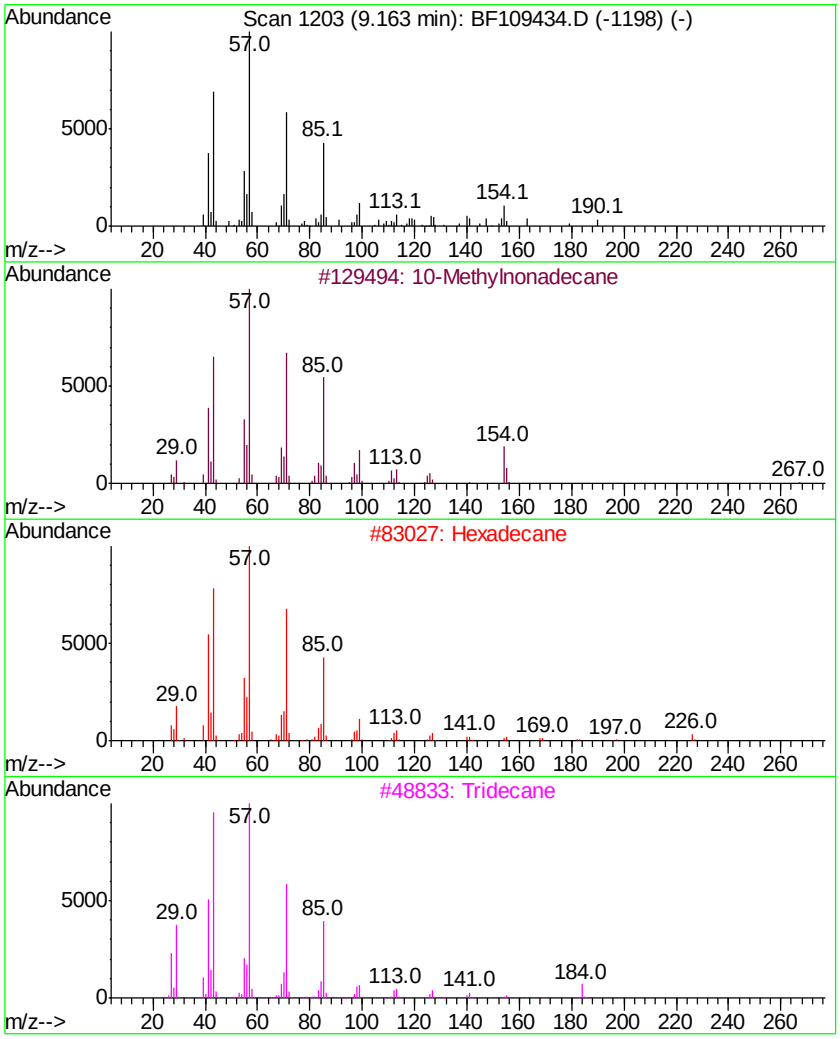
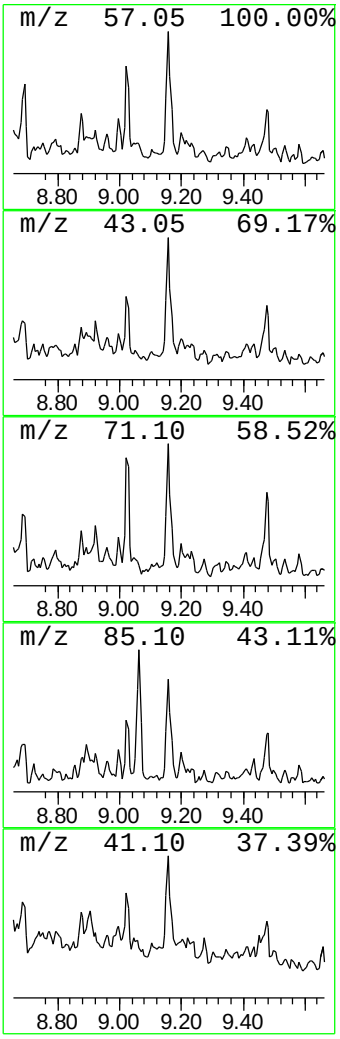
Peak Number 8 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	2.97 ng	111189	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane	184	C13H28	000629-50-5	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Pentadecane	212	C15H32	000629-62-9	80





Library Search Compound Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

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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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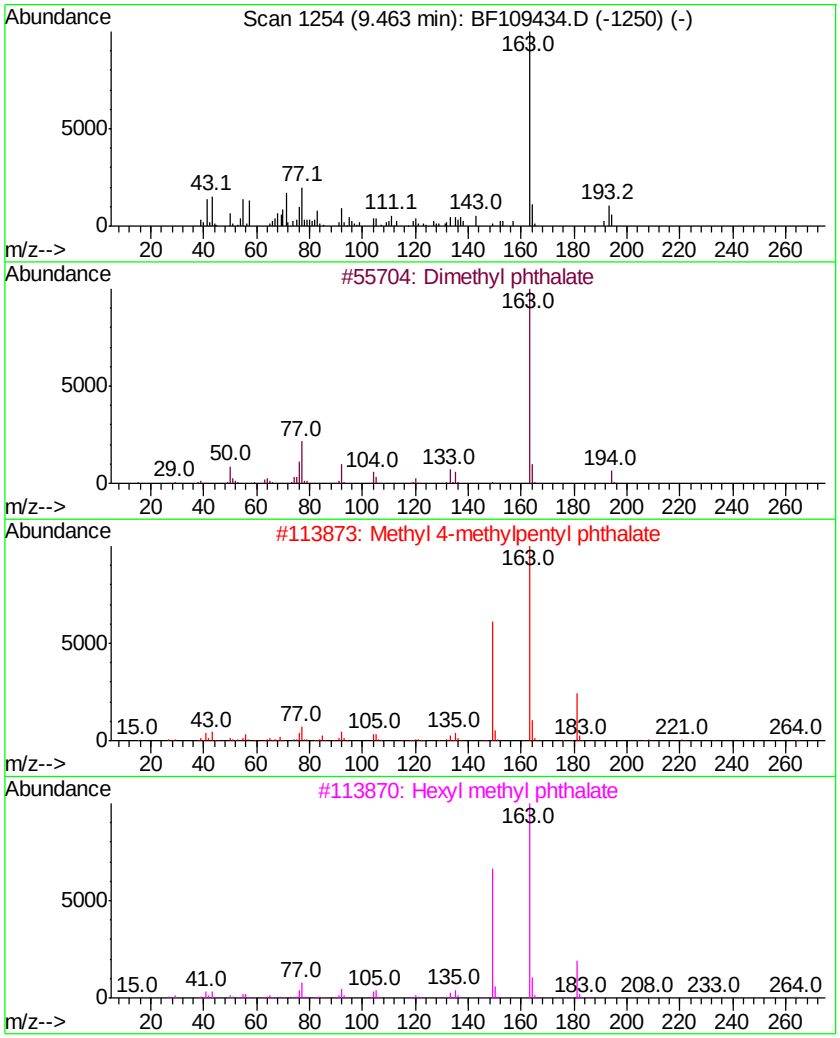
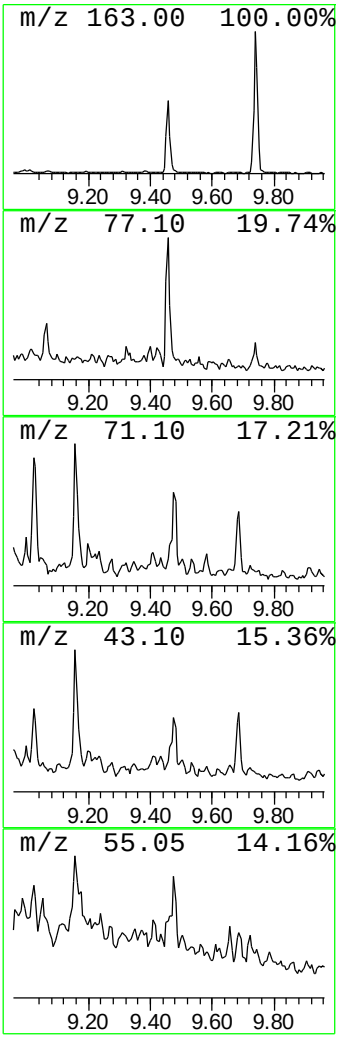
Peak Number 9 Dimethyl phthalate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	2.26 ng	84504	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	96
2	Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	72
3	Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	64
4	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	59
5	Isobutyl methyl phthalate	236	C13H16O4	1000373-89-3	59





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Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

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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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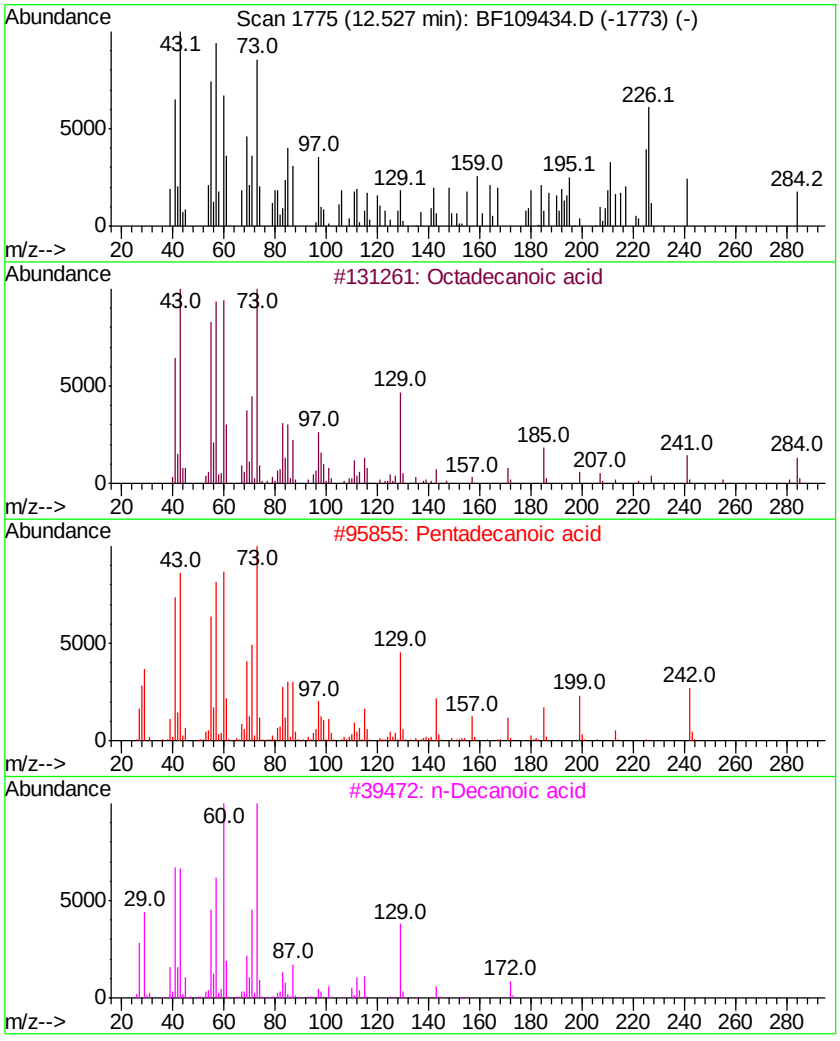
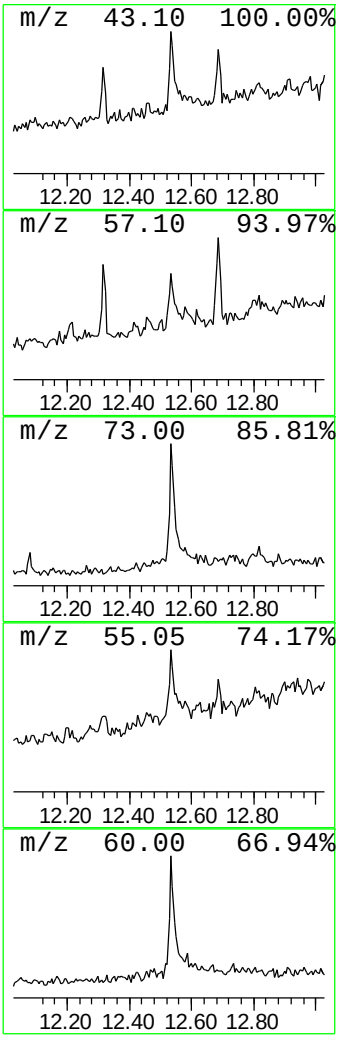
Peak Number 10 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.44 ng	75873	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	59





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Misc :
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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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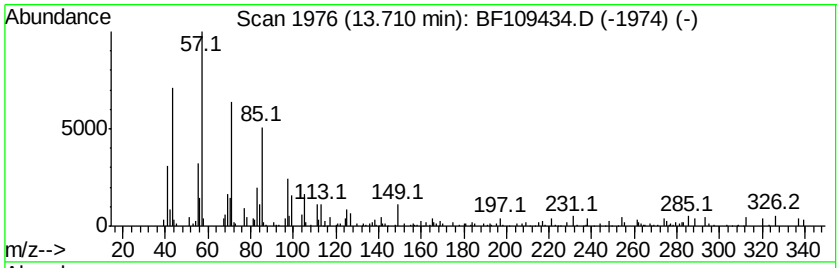
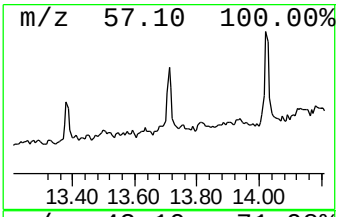
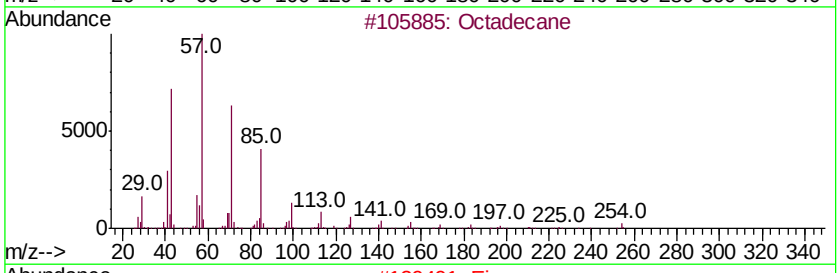
Peak Number 11 Octadecane Concentration Rank 15

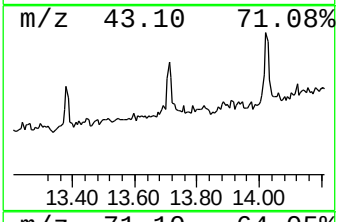
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.13 ng	66358	Chrysene-d12	13.85

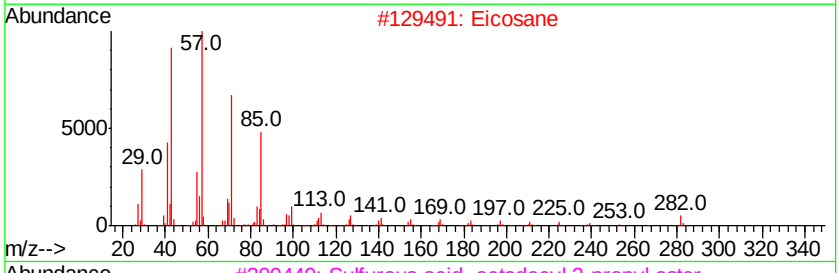
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	78
2	Eicosane	282	C20H42	000112-95-8	78
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	68
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	68
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58

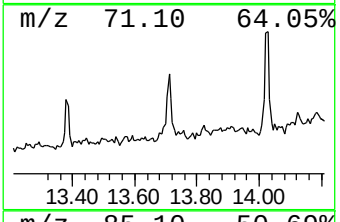


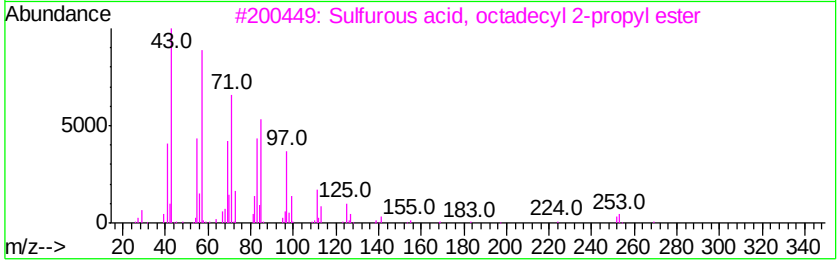


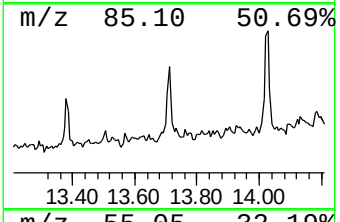


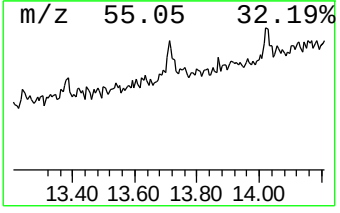












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Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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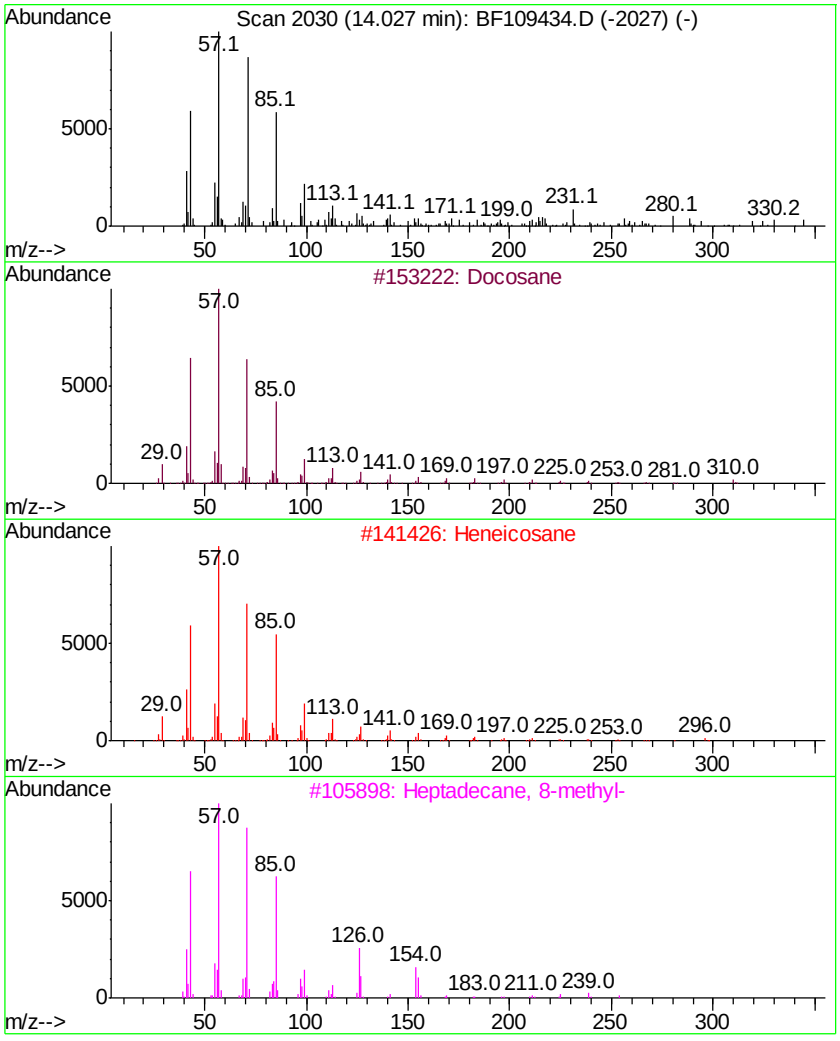
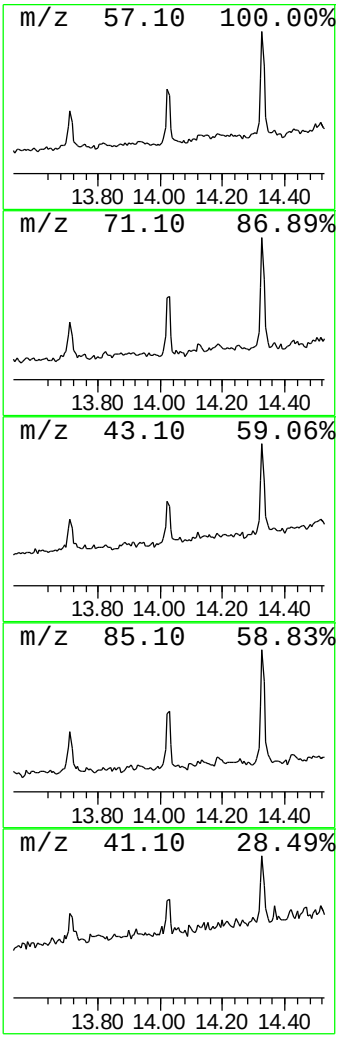
Peak Number 12 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.17 ng	67532	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	81
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

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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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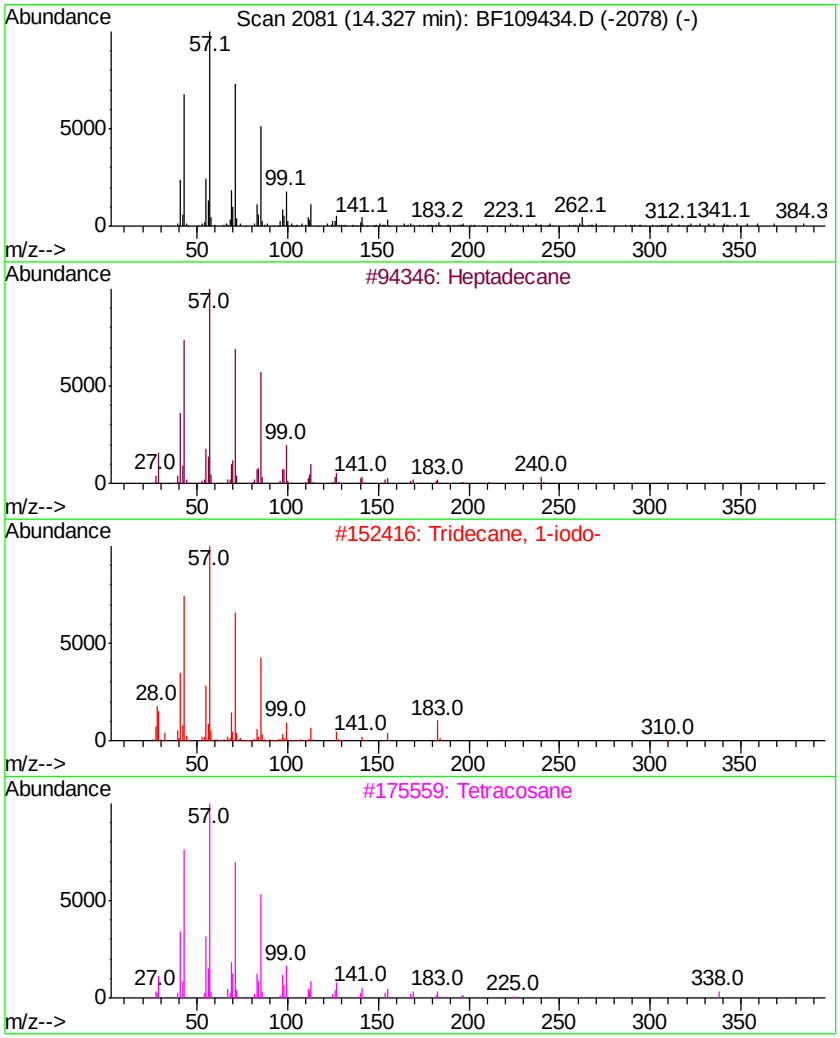
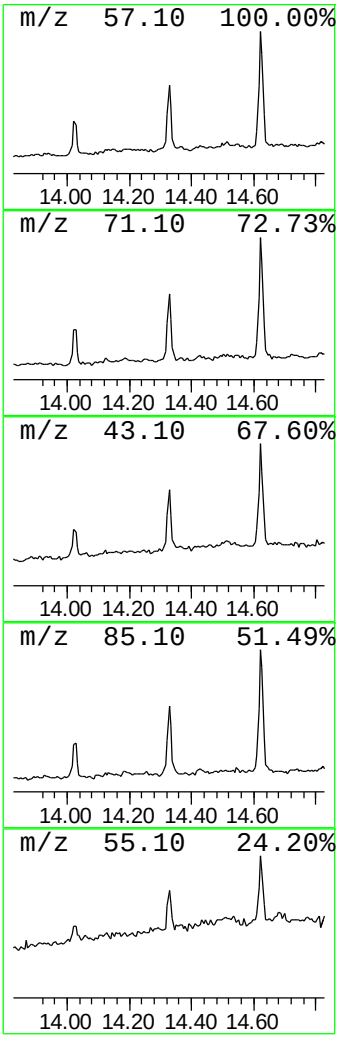
Peak Number 13 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	4.14 ng	128932	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87





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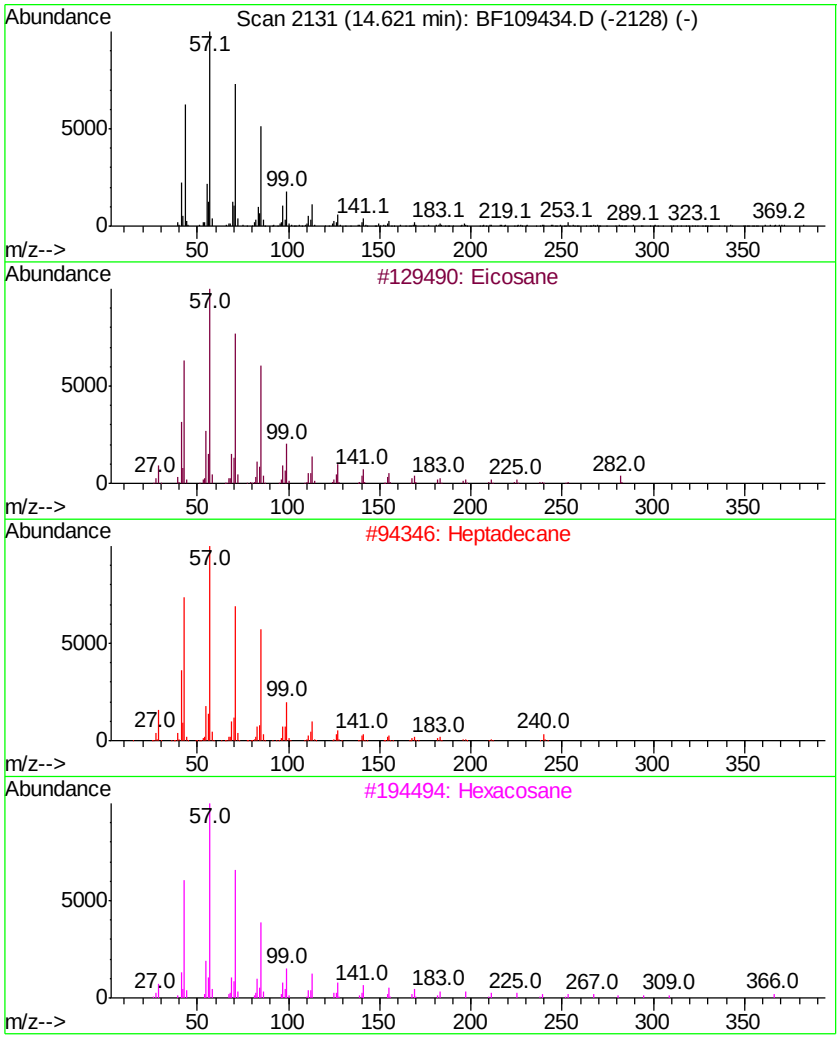
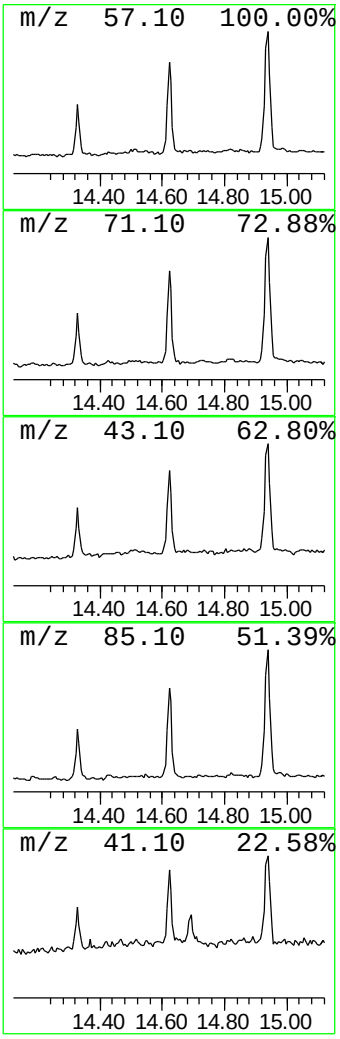
Peak Number 14 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	13.92 ng	265794	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Hexacosane	366	C26H54	000630-01-3	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Instrument : BNA_F
ClientSampleId : PL-01-092718-A

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TIC Library : C:\DATABASE\NIST11.L
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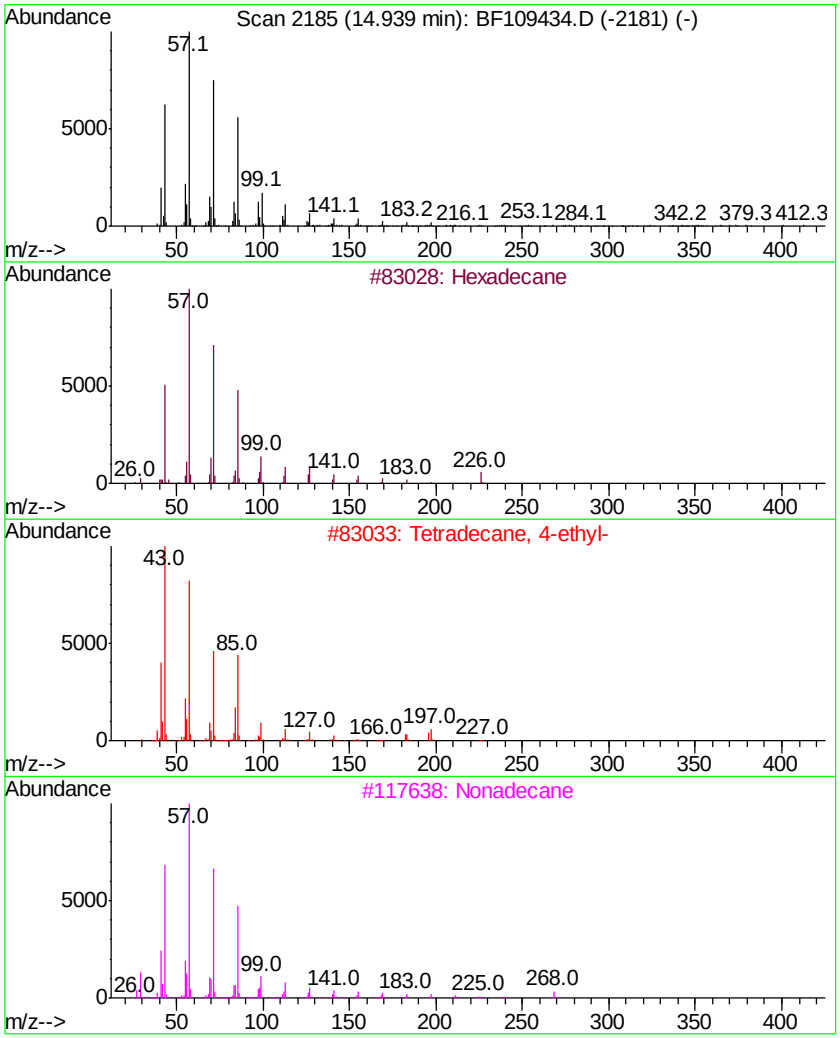
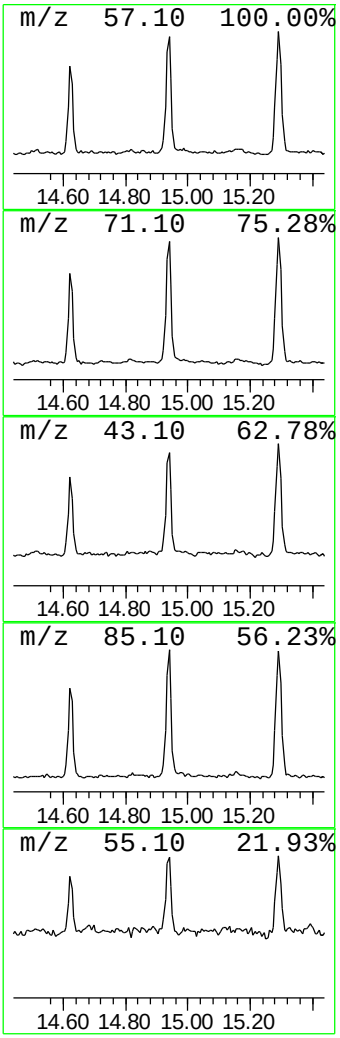
Peak Number 15 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	20.67 ng	394806	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





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

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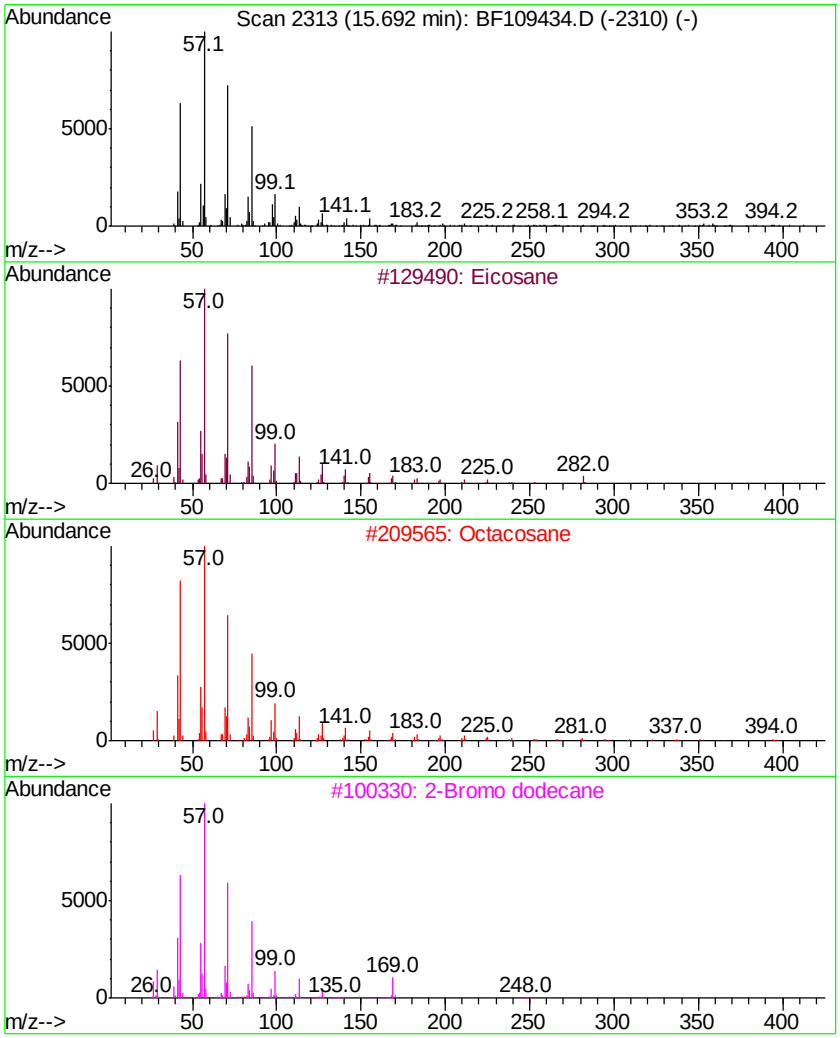
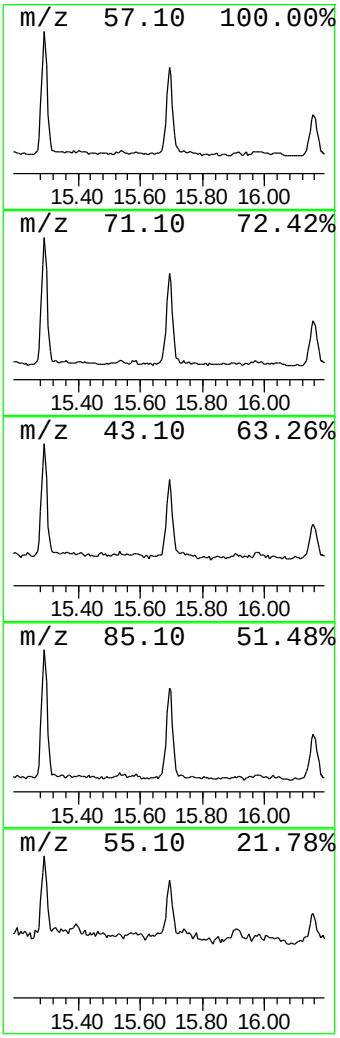
Peak Number 16 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	16.54 ng	315777	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octacosane	394	C28H58	000630-02-4	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

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Data File : BF109434.D
Acq On : 28 Sep 2018 17:12
Operator : JU/SJ
Sample : J4777-33 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-092718-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	14.8	ng	491099	1	6.71	664693	20.0
unknown7.36	7.36	2.3	ng	108588	2	7.99	927043	20.0
cis-Decalin, 2-sy...	7.52	2.3	ng	106913	2	7.99	927043	20.0
Naphthalene, deca...	7.63	3.4	ng	156231	2	7.99	927043	20.0
unknown8.29	8.29	2.0	ng	94918	2	7.99	927043	20.0
Tridecane	8.59	2.5	ng	116162	2	7.99	927043	20.0
10-Methylnonadecane	9.16	3.0	ng	111189	3	9.74	749034	20.0
Dimethyl phthalate	9.46	2.3	ng	84504	3	9.74	749034	20.0
Octadecanoic acid	12.53	2.4	ng	75873	5	13.85	623182	20.0
Octadecane	13.71	2.1	ng	66358	5	13.85	623182	20.0
Docosane	14.03	2.2	ng	67532	5	13.85	623182	20.0
Heptadecane	14.33	4.1	ng	128932	5	13.85	623182	20.0
Eicosane	14.62	13.9	ng	265794	6	15.25	381948	20.0
Hexadecane	14.94	20.7	ng	394806	6	15.25	381948	20.0
2-Bromo dodecane	15.69	16.5	ng	315777	6	15.25	381948	20.0