LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

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-BF090115.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	1.474	9	12	17	rBV	26170	69306	3.30%	0.345%
2	1.554	17	19	34	rVB	83644	238657	11.37%	1.189%
3	1.874	43	47	49	rVB	11588	22490	1.07%	0.112%
4	2.617	110	112	117	rVB	14020	22248	1.06%	0.111%
5	3.405	178	181	187	rBV4	12351	41871	2.00%	0.209%
6	4.491	272	276	280	rVV	17870	39943	1.90%	0.199%
7	4.606	280	286	301	rBV	444174	1385948	66.04%	6.905%
8	5.234	339	341	350	rVB2	16374	37755	1.80%	0.188%
9	5.463	357	361	370	rBV	1073944	2035603	96.99%	10.142%
10	5.760	384	387	393	rBB	21832	37335	1.78%	0.186%
11	6.229	424	428	432	rBV2	13567	25923	1.24%	0.129%
12	7.554	542	544	554	rVB2	28715	61700	2.94%	0.307%
13	7.726	554	559	562	rBV	1037839	2098695	100.00%	10.456%
14	7.806	562	566	569	rVV	1193170	2091445	99.65%	10.420%
15	7.909	573	575	579	rVB	20959	29604	1.41%	0.147%
16	8.046	584	587	590	rBB	14326	22885	1.09%	0.114%
17	8.275	603	607	610	rBV	209955	319357	15.22%	1.591%
18	8.606	631	636	639	rBV	934832	1544065	73.57%	7.693%
19	9.578	716	721	724	rBV	660926	1357173	64.67%	6.762%
20	9.818	739	742	745	rVB	18457	27885	1.33%	0.139%
21	11.178	857	861	863	rBV	248722	405865	19.34%	2.022%
22	11.223	863	865	869	rVB	43215	68776	3.28%	0.343%
23	11.406	877	881	884	rVB	19747	30504	1.45%	0.152%
24	12.458	967	973	980	rBB	13993	27322	1.30%	0.136%
25	12.869	1005	1009	1014	rBB	69648	114234	5.44%	0.569%
26	13.086	1025	1028	1035	rBB	42659	70818	3.37%	0.353%
27	13.829	1088	1093	1096	rVV	1204415	1981056	94.39%	9.870%
28	13.887	1096	1098	1103	rVB	13605	24251	1.16%	0.121%
29	14.229	1124	1128	1132	rBV	21056	39834	1.90%	0.198%
30	14.401	1138	1143	1146	rVB2	11414	32708	1.56%	0.163%
31	14.549	1153	1156	1159	rBV	28181	48273	2.30%	0.241%
32	14.607	1159	1161	1166	rVB	20071	33866	1.61%	0.169%
33	14.824	1177	1180	1181	rBV	14250	23549	1.12%	0.117%
34	14.881	1181	1185	1188	rVV	126724	230594	10.99%	1.149%

LSC Area Percent Report

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Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.995	1190	1195	1198	rBV3	15918	36233	1.73%	0.181%
36	15.315	1219	1223	1227	rBV	218344	365978	17.44%	1.823%
37	15.498	1236	1239	1243	rBV	20600	36948	1.76%	0.184%
38	16.641	1335	1339	1342	rVV3	16674	32785	1.56%	0.163%
39	16.710	1342	1345	1349	rVB	28334	44144	2.10%	0.220%
40	17.224	1386	1390	1397	rBV	599839	1055949	50.31%	5.261%
41	17.853	1442	1445	1446	rBV	35119	57696	2.75%	0.287%
42	17.887	1446	1448	1451	rVB	34906	63192	3.01%	0.315%
43	18.310	1479	1485	1489	rBV4	7633	26141	1.25%	0.130%
44	18.824	1526	1530	1533	rBV	194455	332650	15.85%	1.657%
45	18.870	1533	1534	1537	rVB	35779	55998	2.67%	0.279%
46	18.938	1537	1540	1543	rBV	31675	50091	2.39%	0.250%
47	18.996	1543	1545	1549	rVB	20786	38358	1.83%	0.191%
48	19.979	1627	1631	1634	rBV	29249	54328	2.59%	0.271%
49	20.059	1635	1638	1641	rVV	12922	21561	1.03%	0.107%
50	20.116	1641	1643	1648	rVB	19612	31983	1.52%	0.159%
51	20.356	1661	1664	1673	rVB2	13124	33384	1.59%	0.166%
52	20.584	1677	1684	1695	rBV	85132	232603	11.08%	1.159%
53	20.801	1699	1703	1706	rVV2	8972	23598	1.12%	0.118%
54	20.904	1710	1712	1717	rBV	25560	46171	2.20%	0.230%
55	21.259	1740	1743	1746	rBV2	11430	26200	1.25%	0.131%
56	21.350	1749	1751	1753	rVV2	13182	23208	1.11%	0.116%
57	21.453	1757	1760	1765	rVV2	92600	205649	9.80%	1.025%
58	21.602	1769	1773	1775	rBV2	24759	46994	2.24%	0.234%
59	21.830	1789	1793	1799	rBV2	51083	117949	5.62%	0.588%
60	21.956	1801	1804	1806	rBV	30493	61980	2.95%	0.309%
61	22.070	1810	1814	1816	rBV3	42622	59008	2.81%	0.294%
62	22.162	1818	1822	1824	rBV	1047318	1315156	62.67%	6.552%
63	22.310	1831	1835	1836	rBV4	11929	28527	1.36%	0.142%
64	22.585	1856	1859	1860	rBV2	13947	25155	1.20%	0.125%
65	22.619	1860	1862	1864	rVB2	23355	28655	1.37%	0.143%
66	22.882	1883	1885	1887	rBV2	11276	24482	1.17%	0.122%
67	22.973	1891	1893	1897	rVV4	29217	79413	3.78%	0.396%
68	23.030	1897	1898	1900	rVB	23427	21541	1.03%	0.107%
69	23.270	1917	1919	1922	rVB2	18407	28337	1.35%	0.141%
70	23.396	1927	1930	1931	rBV2	95608	155174	7.39%	0.773%
71	23.430	1931	1933	1934	rVB	192045	234698	11.18%	1.169%

LSC Area Percent Report

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Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	23.533	1940	1942	1944	rBV2	20621	22981	1.10%	0.114%
73	23.750	1959	1961	1964	rBV	31797	45809	2.18%	0.228%
74	24.082	1988	1990	1994	rVB2	46232	75911	3.62%	0.378%
75	24.859	2057	2058	2062	rVB	114485	163283	7.78%	0.814%

Sum of corrected areas: 20071439

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Instrument : BNA_F
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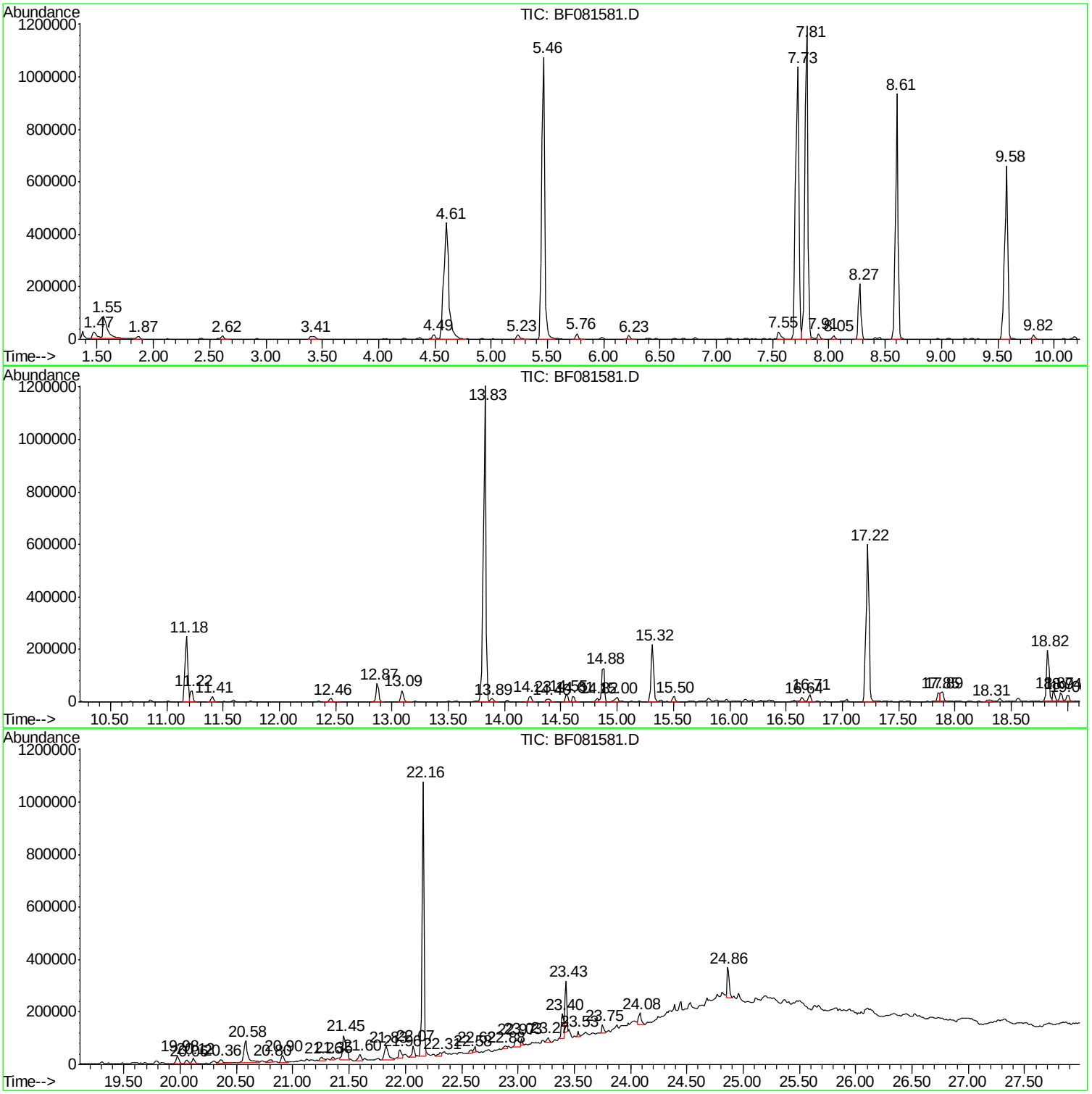
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

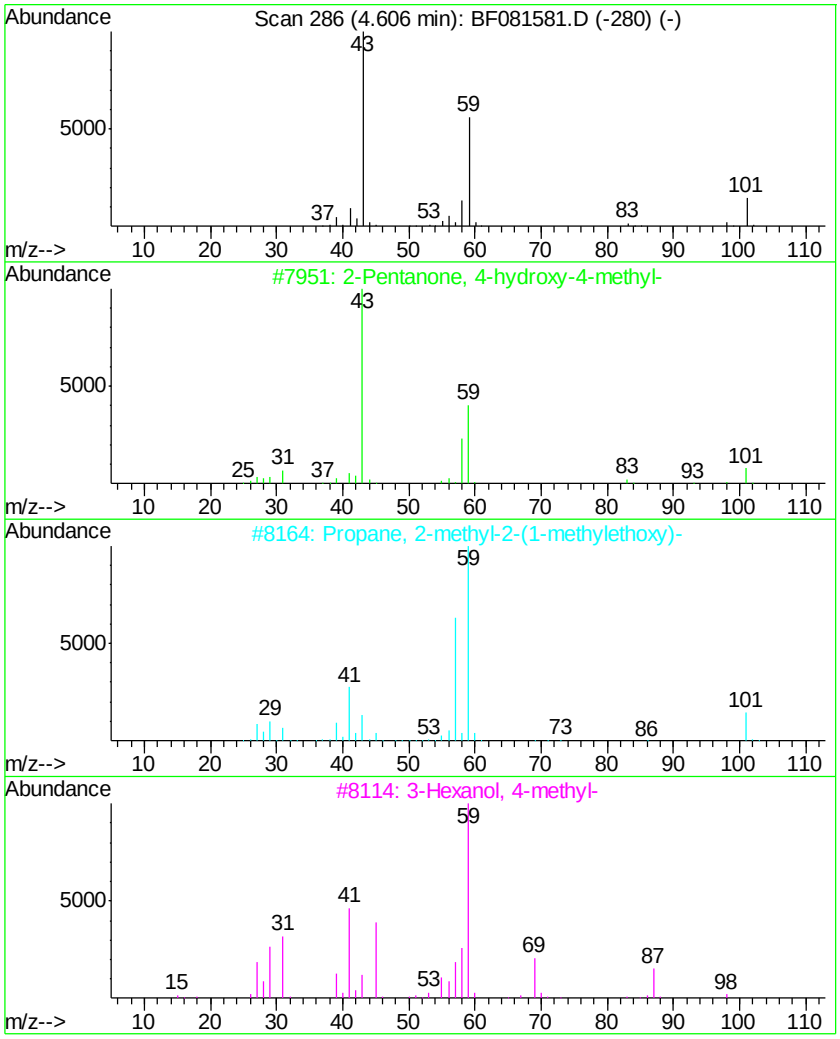
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

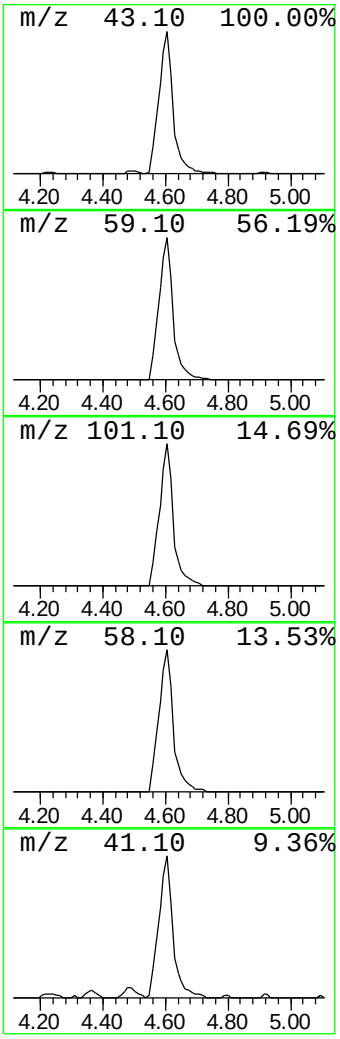
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	86.80 ng	1385950	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

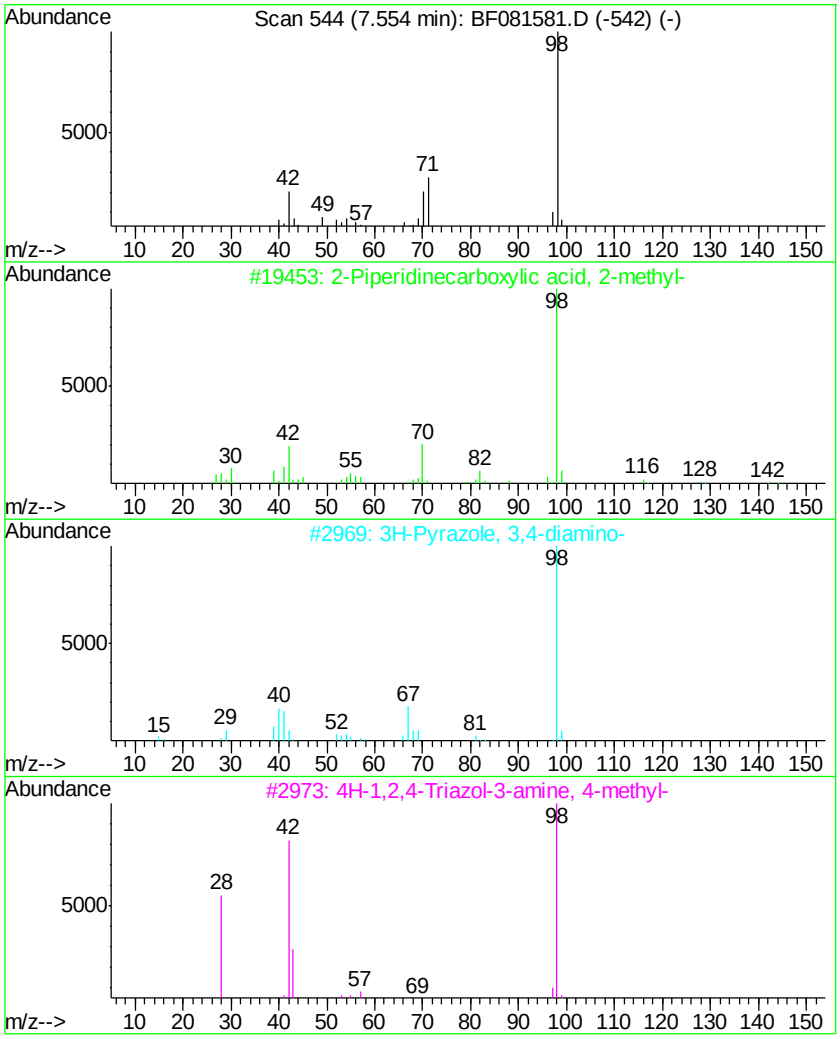
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

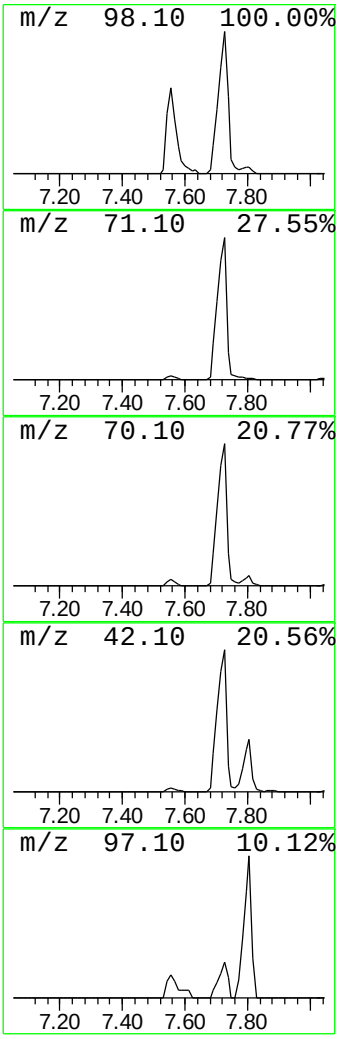
****

Peak Number 4 2-Piperidinecarboxylic acid... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	3.86 ng	61700	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Piperidinecarboxylic acid, 2-m...	143	C7H13NO2	072518-41-3	53
2	3H-Pyrazole, 3,4-diamino-	98	C3H6N4	1000288-40-0	43
3	4H-1,2,4-Triazol-3-amine, 4-methyl-	98	C3H6N4	016681-76-8	43
4	Piperidine, 1,1'-methylenebis-	182	C11H22N2	000880-09-1	42
5	Benzen-d5-amine	98	C6H2D5N	004165-61-1	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

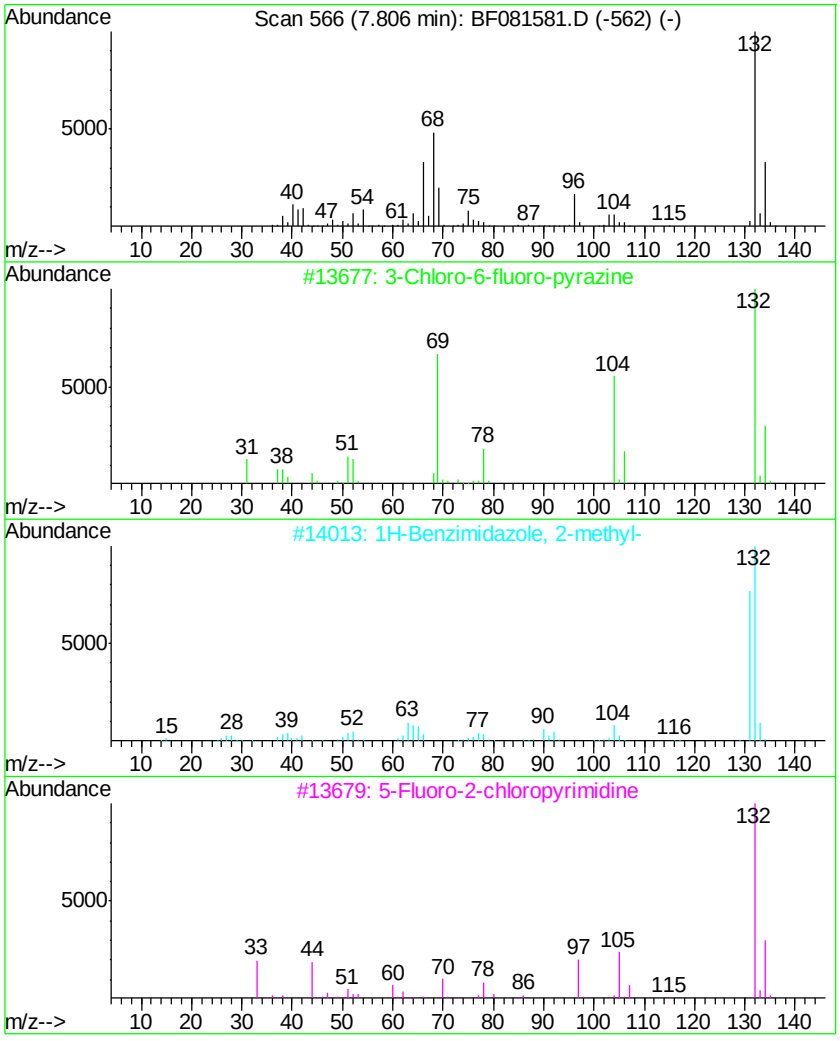
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

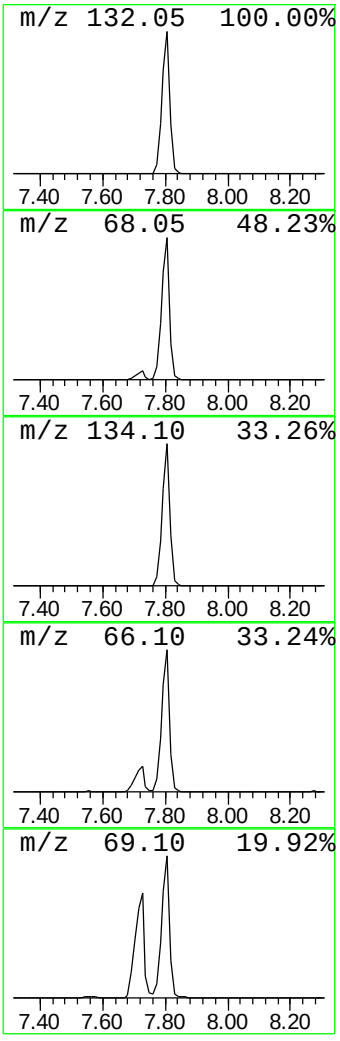
****

Peak Number 5 unknown7.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	130.98 ng	2091450	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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Sample : G3497-01
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Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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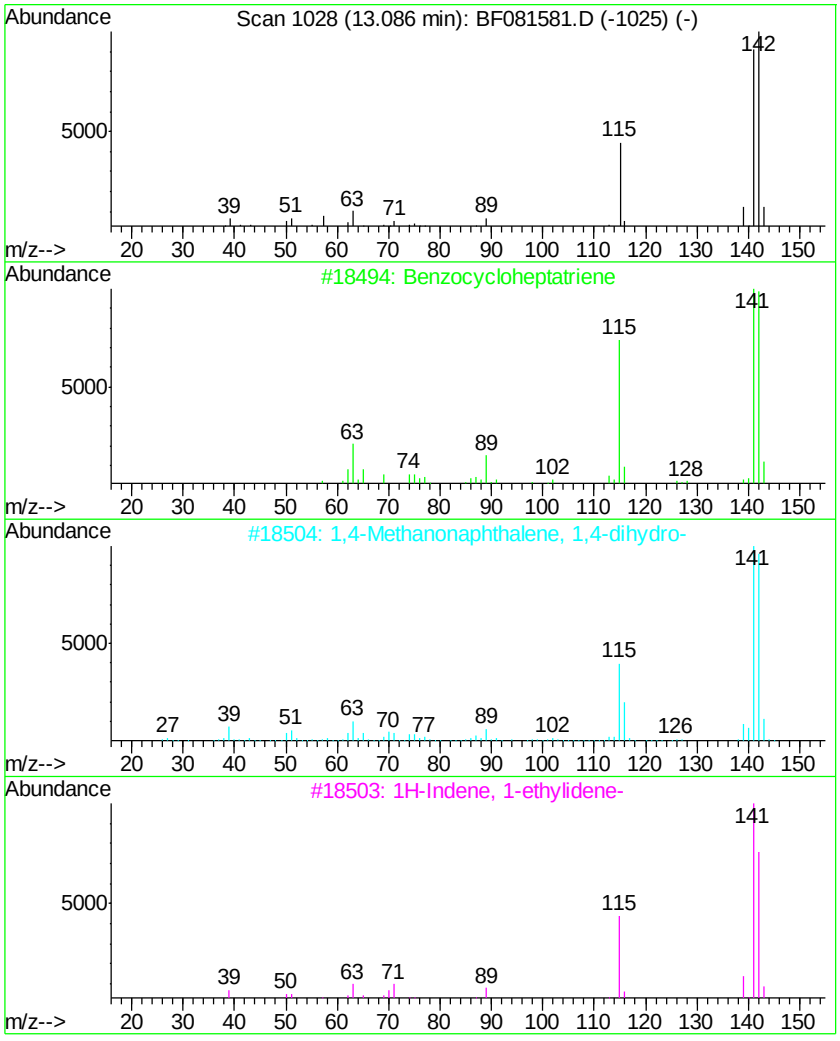
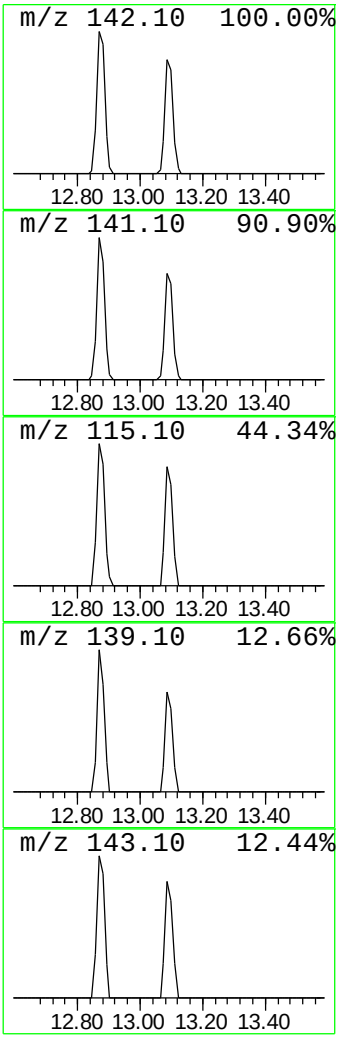
Peak Number 7 Benzocycloheptatriene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.49 ng	70818	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	91
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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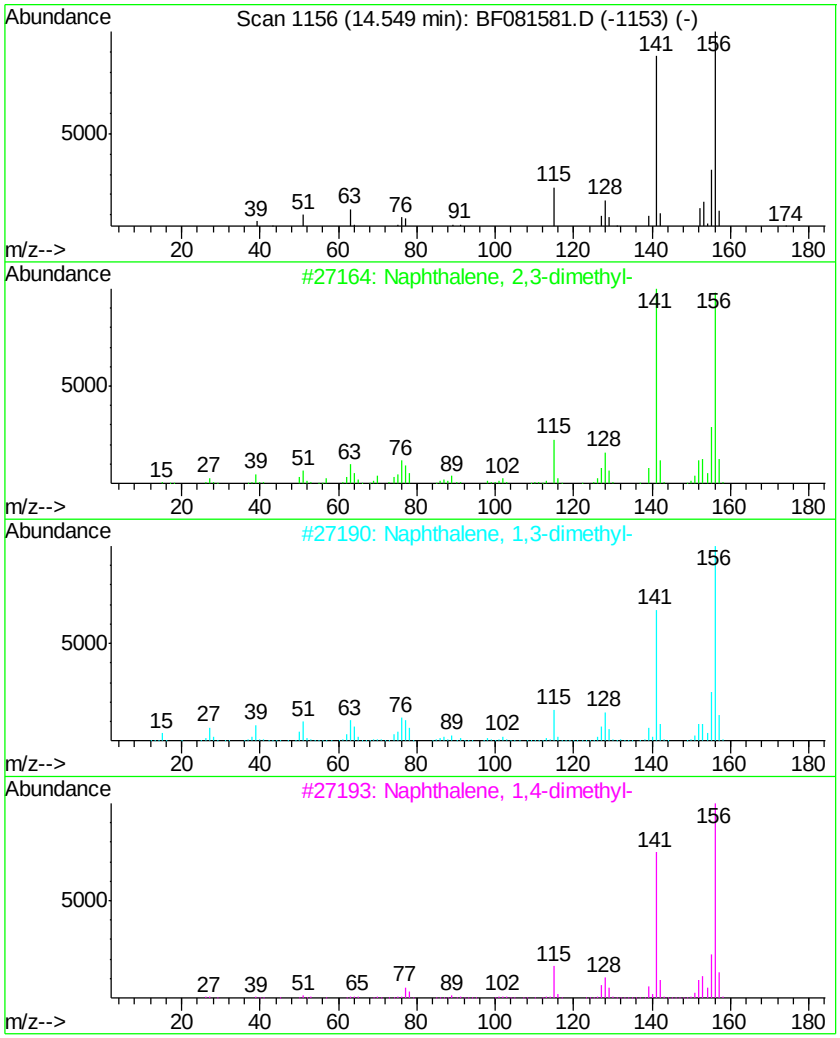
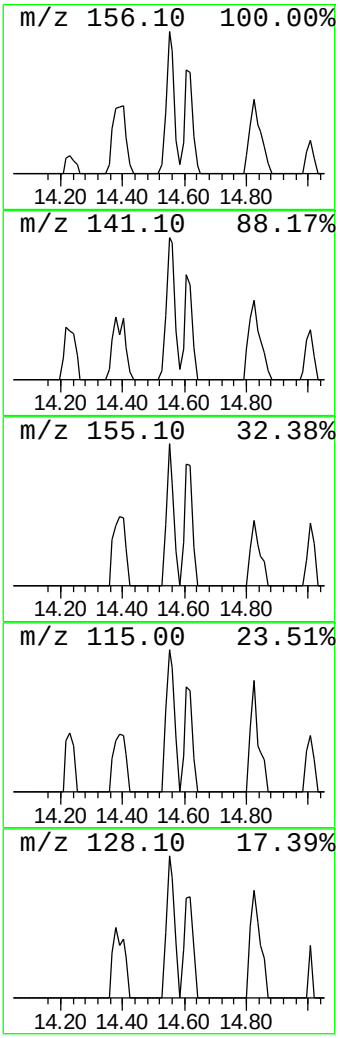
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.64 ng	48273	Acenaphthene-d10	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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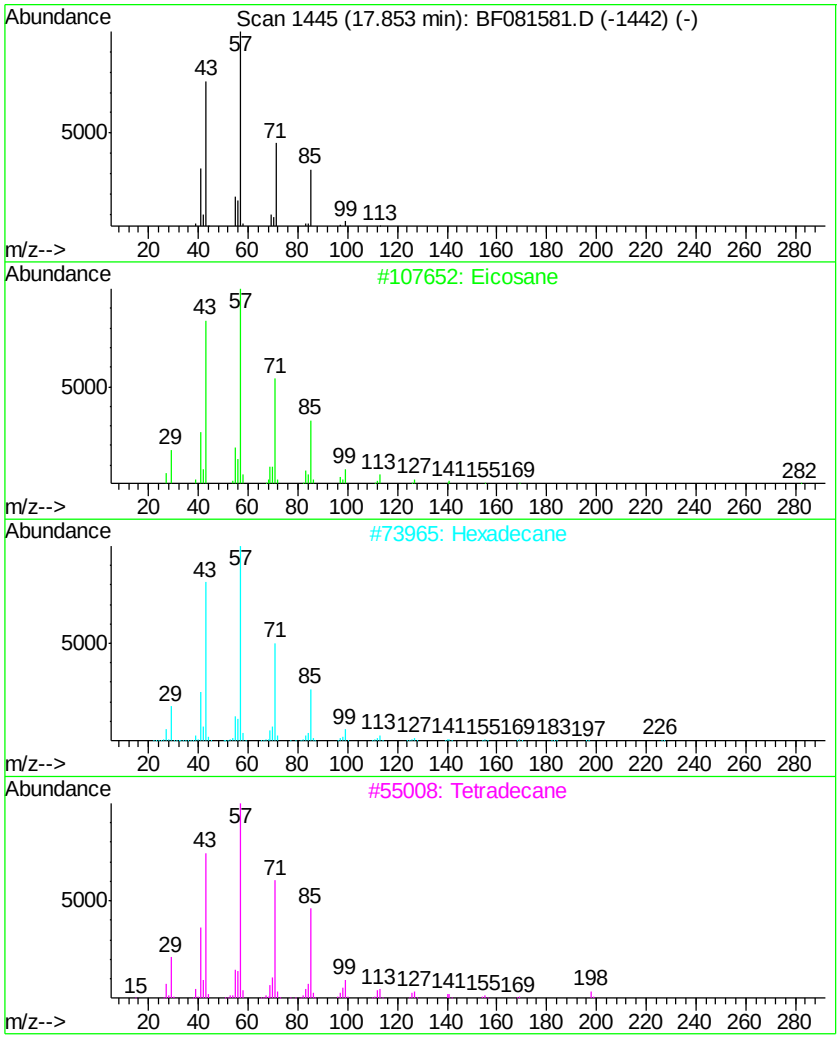
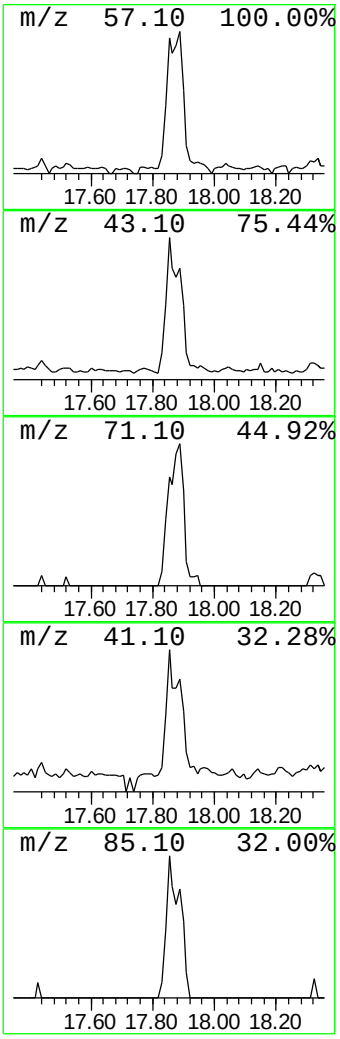
Peak Number 9 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.47 ng	57696	Phenanthrene-d10	18.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	78
4	Tridecane	184	C13H28	000629-50-5	78
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
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Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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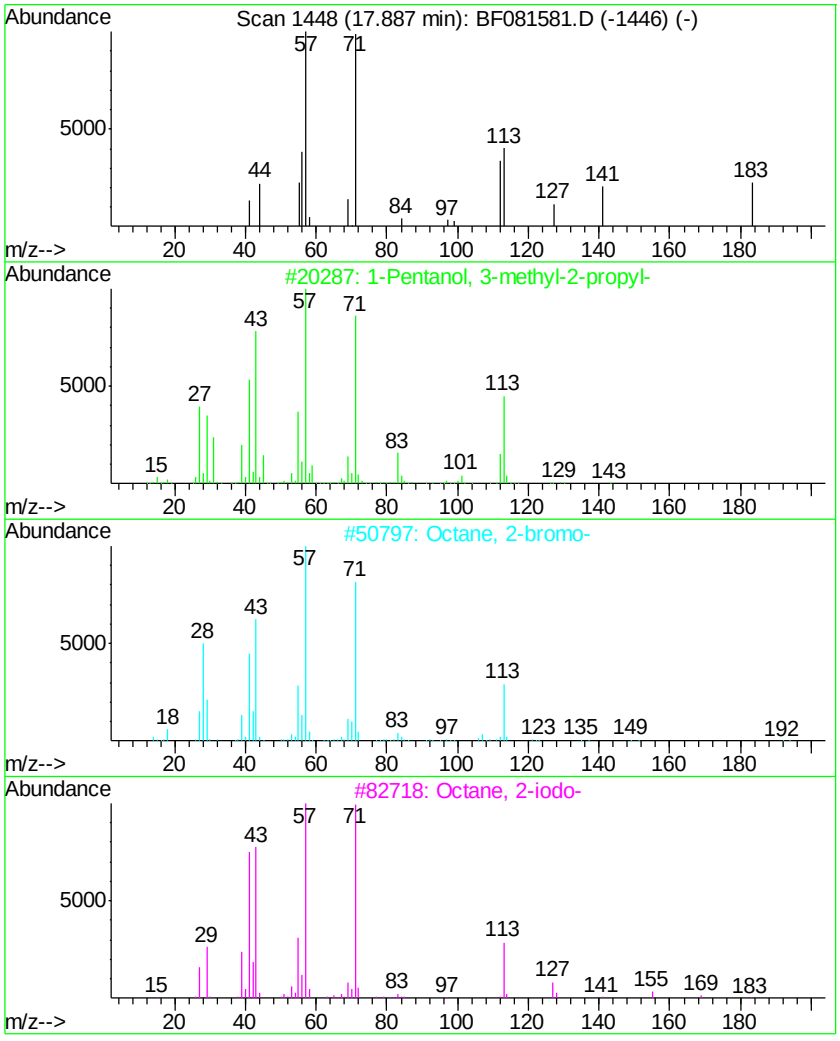
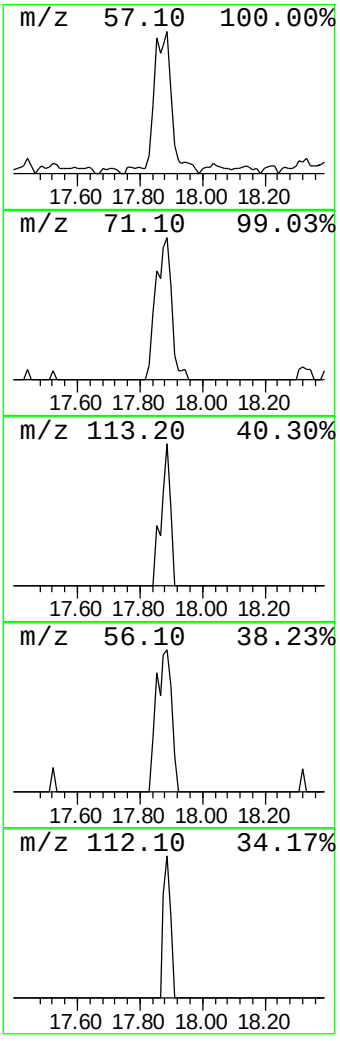
Peak Number 10 unknown17.89 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.80 ng	63192	Phenanthrene-d10	18.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	37
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
3	Octane, 2-iodo-	240	C8H17I	000557-36-8	37
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	37
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	28





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Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

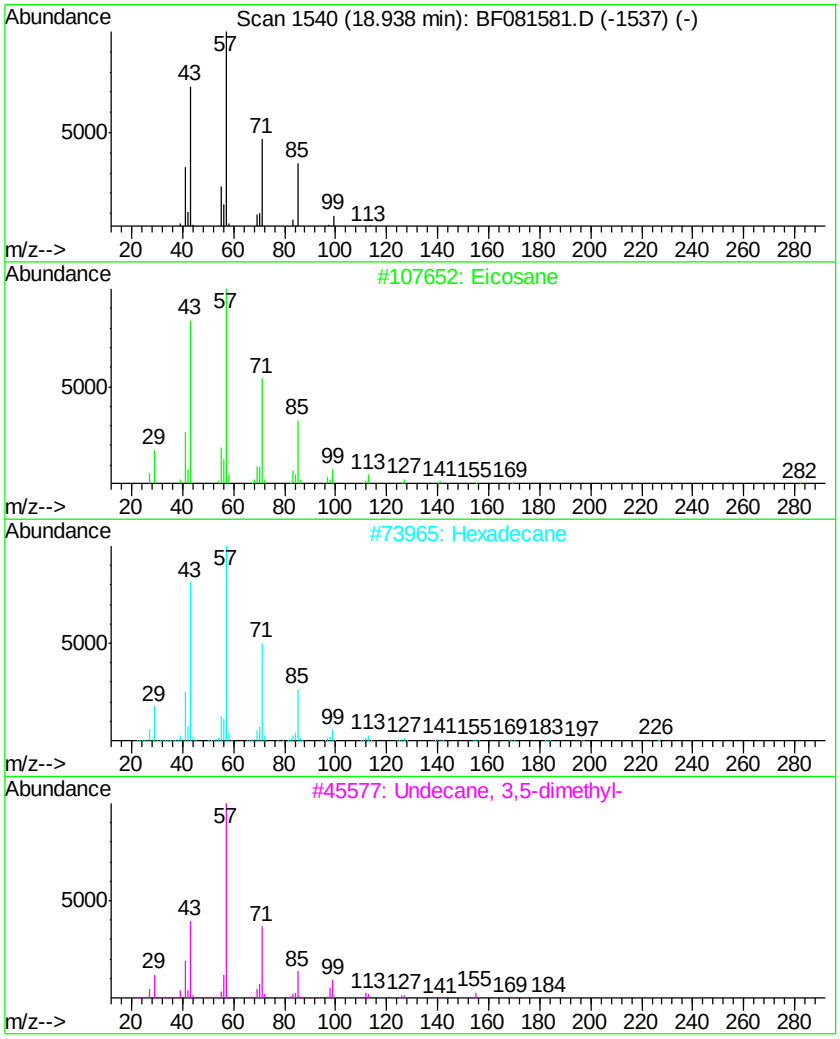
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

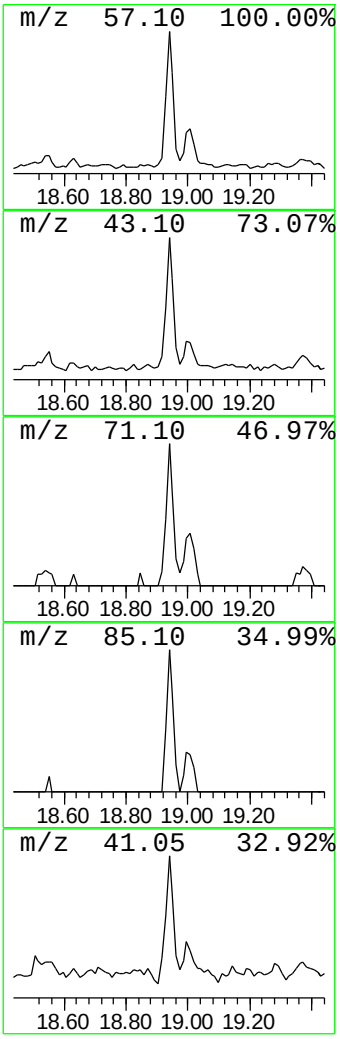
****

Peak Number 11 unknown18.94 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.01 ng	50091	Phenanthrene-d10	18.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4	Undecane	156	C11H24	001120-21-4	72
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64





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Sample : G3497-01
Misc :
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Instrument : BNA_F
ClientSampleId : B4

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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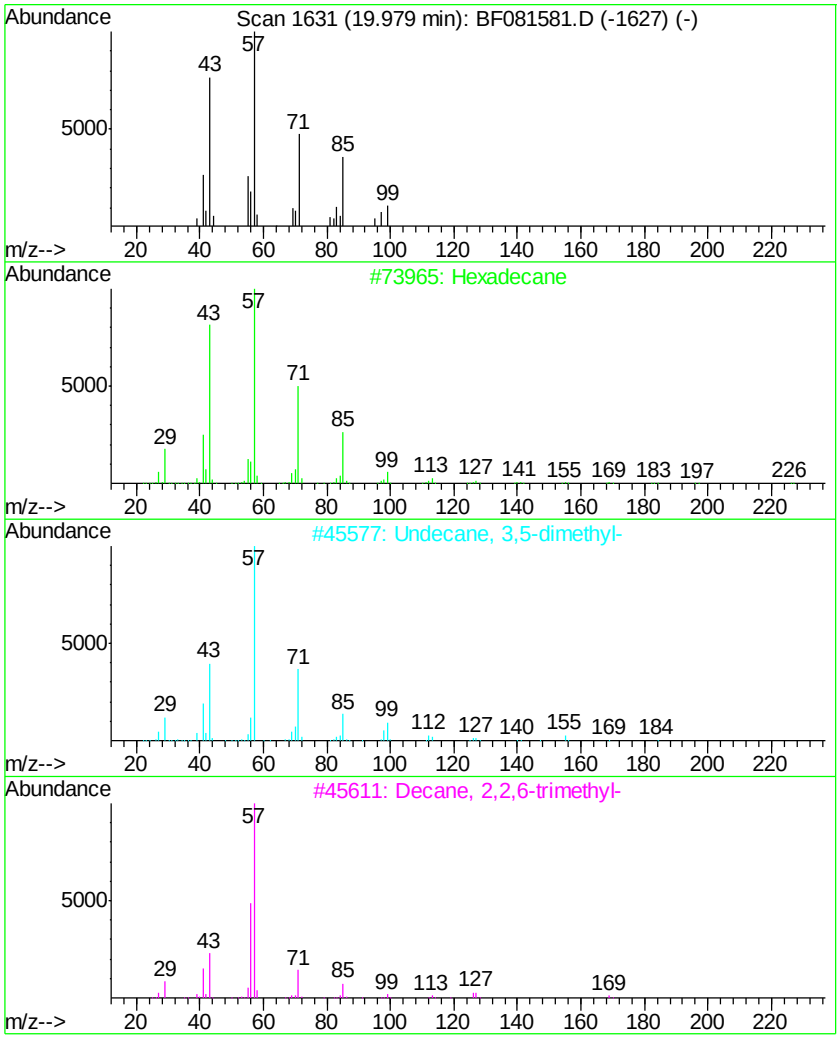
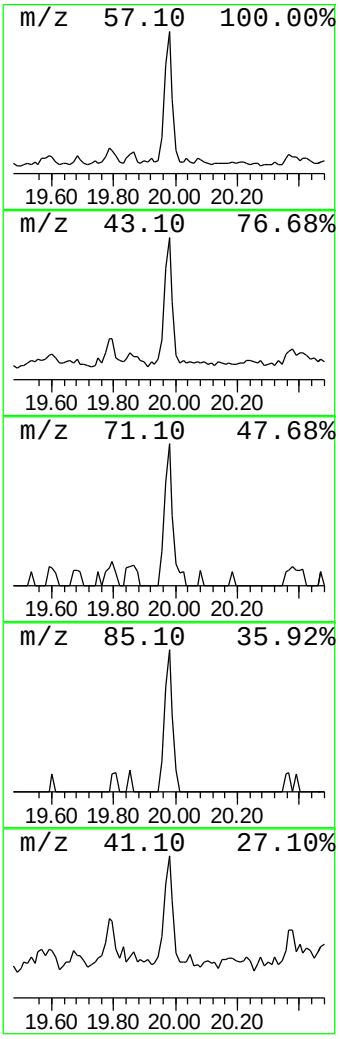
Peak Number 12 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	3.27 ng	54328	Phenanthrene-d10	18.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
3	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	47
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	47
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47





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Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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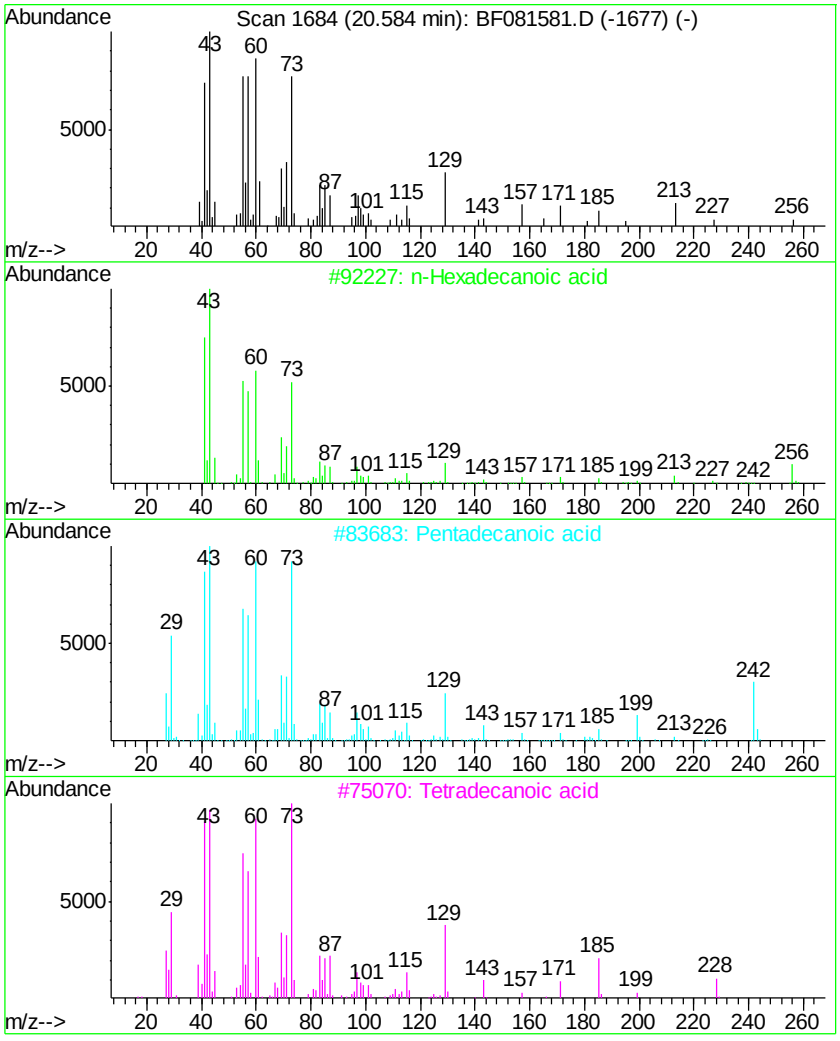
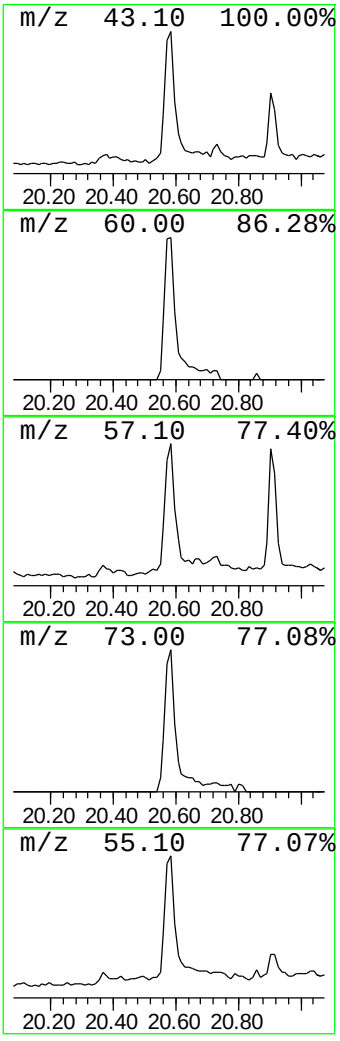
Peak Number 13 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	13.98 ng	232603	Phenanthrene-d10	18.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Library Search Compound Report

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Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
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Instrument : BNA_F
ClientSampleId : B4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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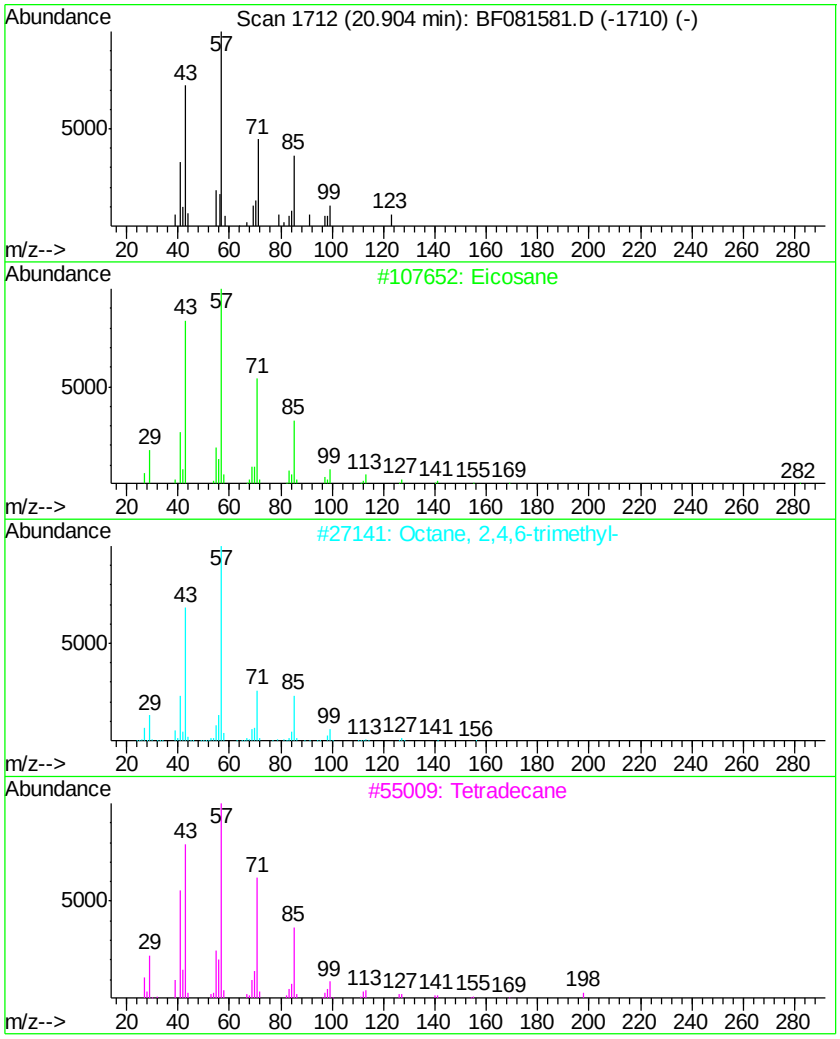
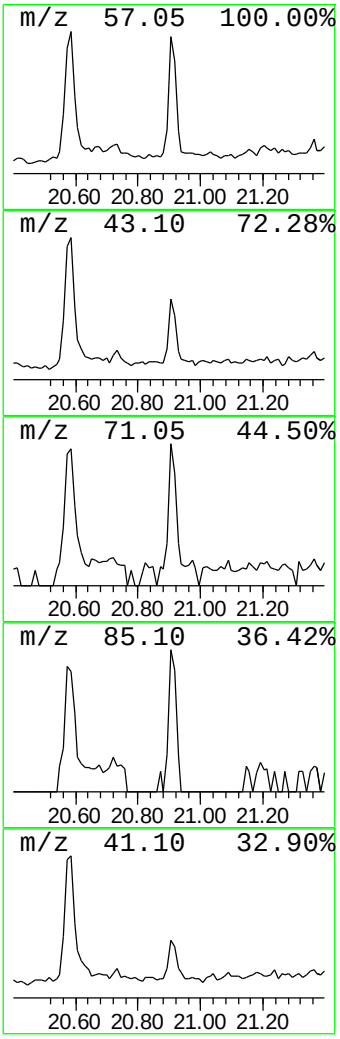
Peak Number 14 Octane, 2,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.78 ng	46171	Phenanthrene-d10	18.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
3	Tetradecane	198	C14H30	000629-59-4	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Hexadecane	226	C16H34	000544-76-3	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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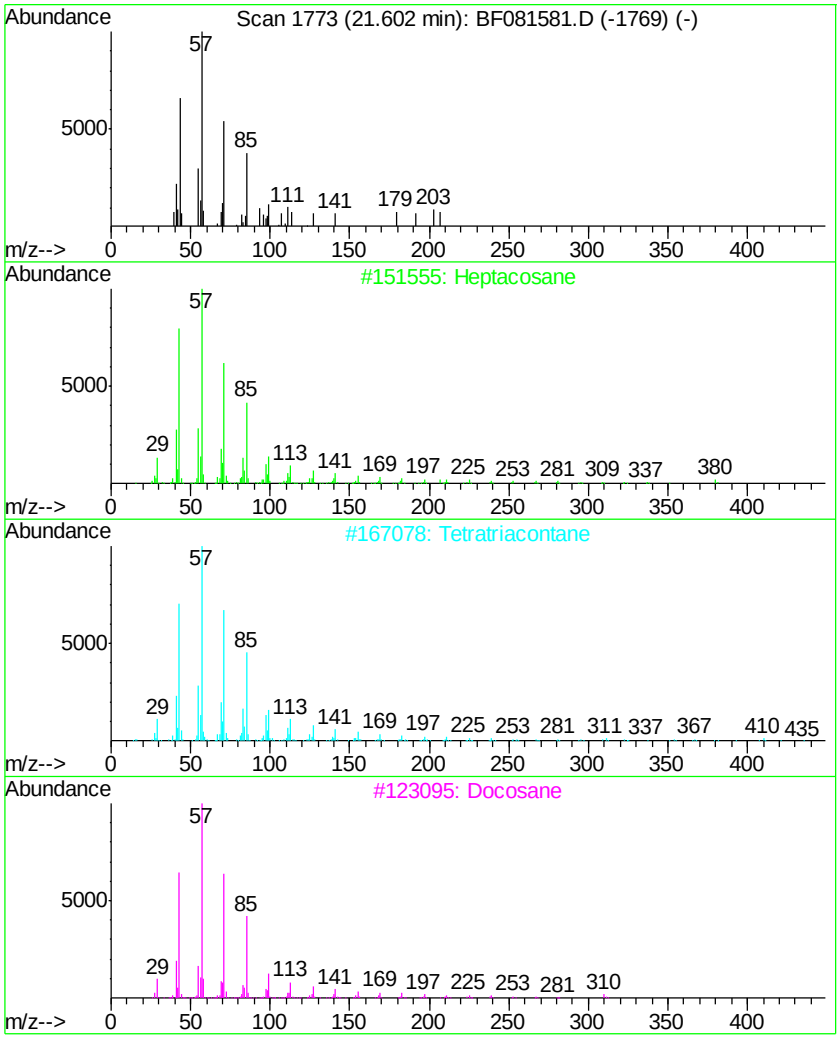
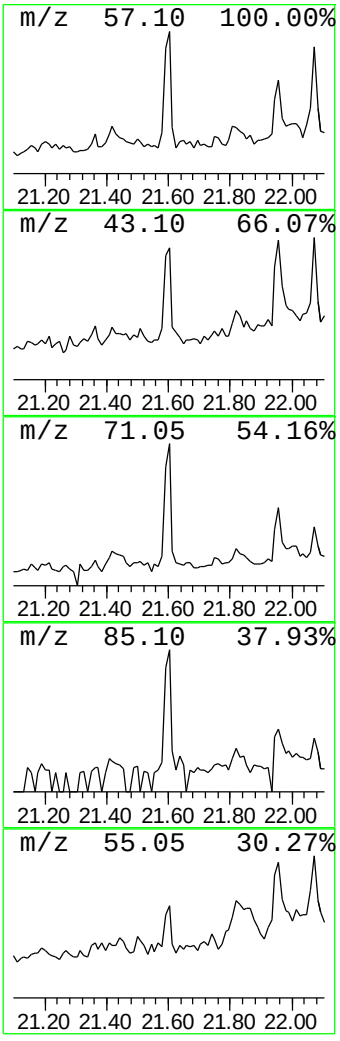
Peak Number 15 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	4.00 ng	46994	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Tetratriacontane	479	C34H70	014167-59-0	72
3	Docosane	310	C22H46	000629-97-0	64
4	Octadecane	254	C18H38	000593-45-3	58
5	Tetradecane	198	C14H30	000629-59-4	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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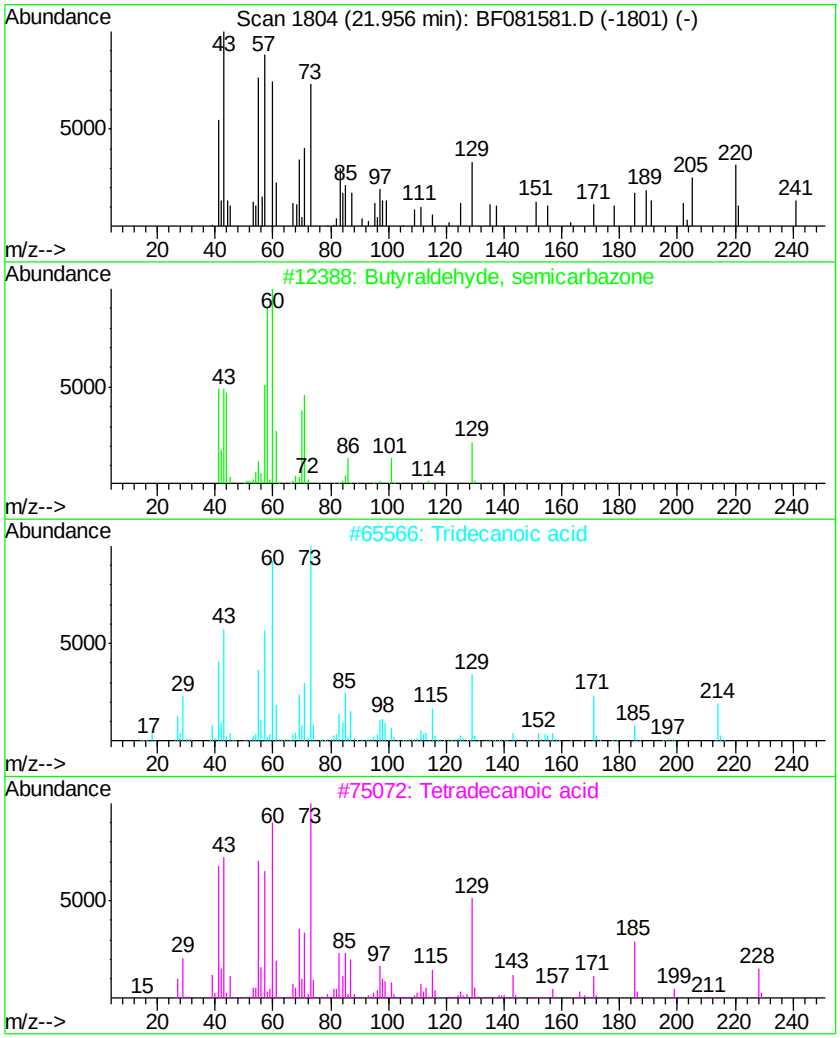
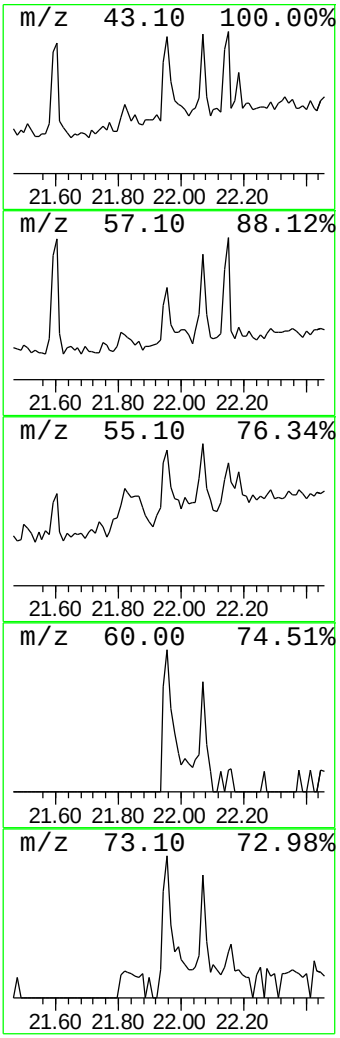
Peak Number 16 Butyraldehyde, semicarbazone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	5.28 ng	61980	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	50
2	Tridecanoic acid	214	C13H26O2	000638-53-9	47
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	27
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	14





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Acq On : 10 Sep 2015 23:24
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Sample : G3497-01
Misc :
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Instrument : BNA_F
ClientSampleId : B4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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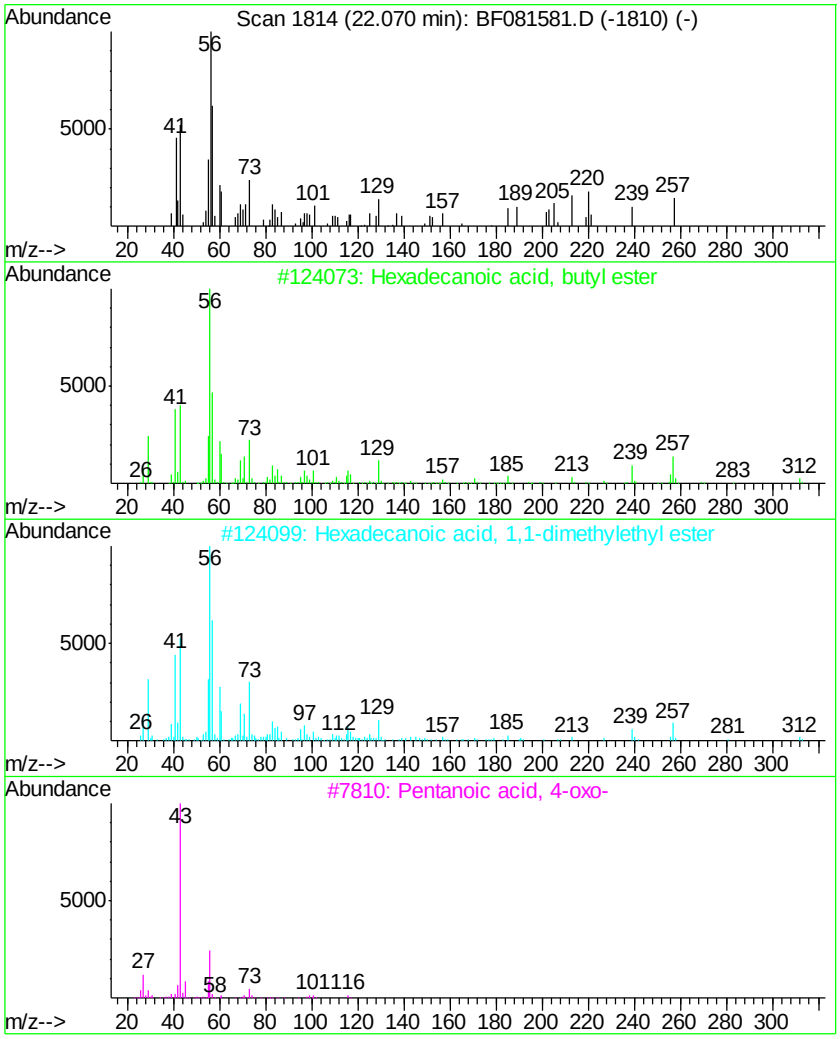
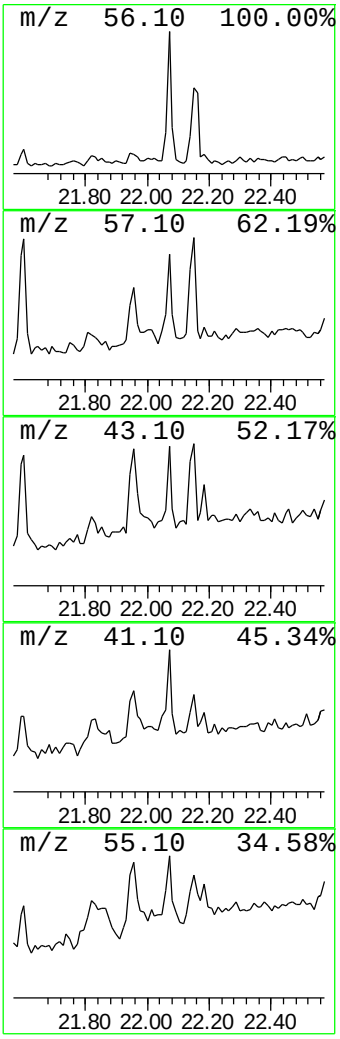
Peak Number 17 Hexadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	5.03 ng	59008	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	52
3	Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	38
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	27
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	27





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Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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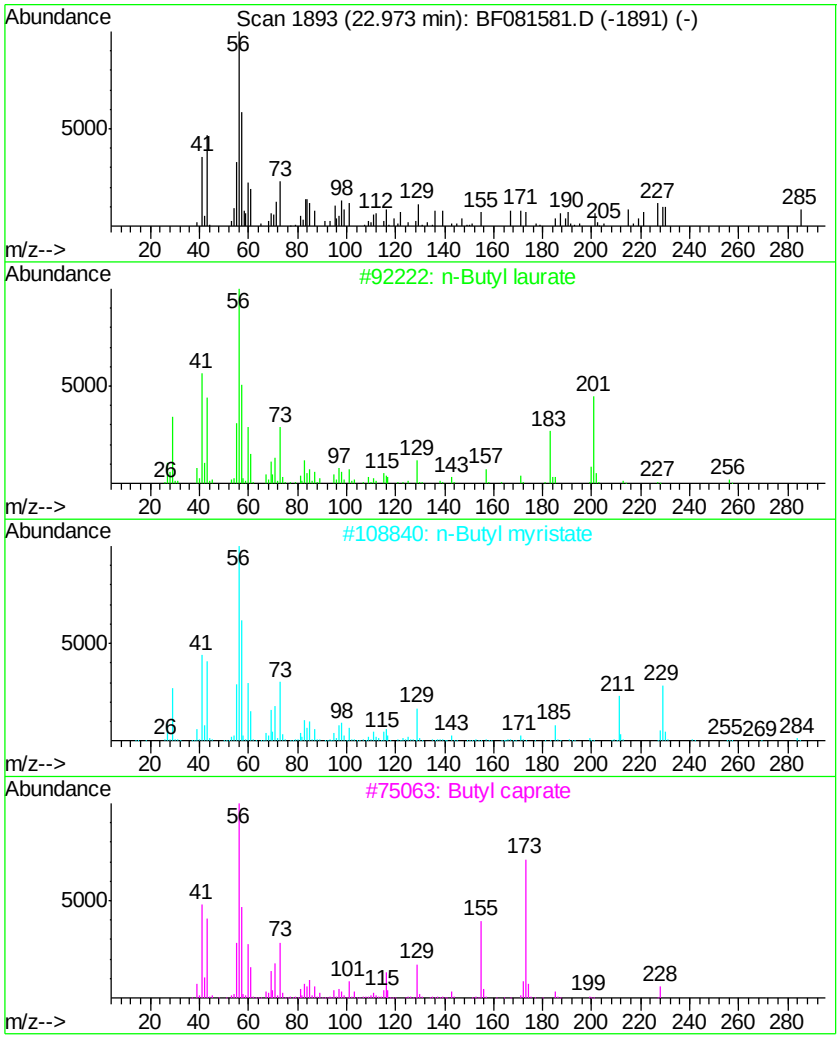
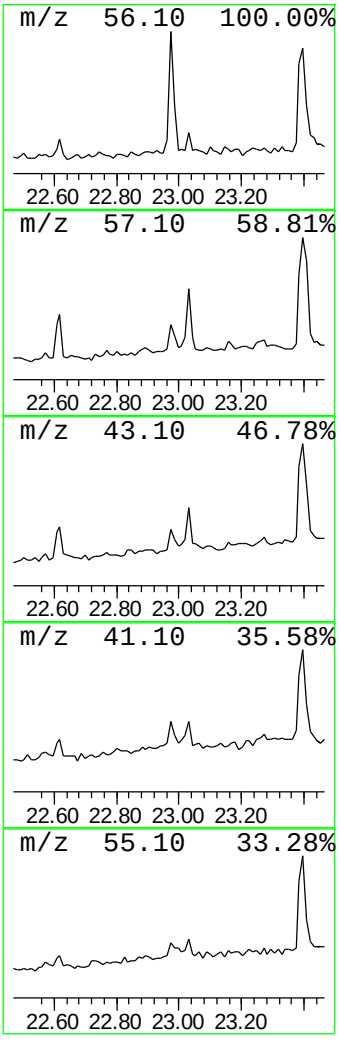
Peak Number 18 n-Butyl laurate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	6.77 ng	79413	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl laurate	256	C16H32O2	000106-18-3	59
2	n-Butyl myristate	284	C18H36O2	000110-36-1	59
3	Butyl caprate	228	C14H28O2	030673-36-0	53
4	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	53
5	Decanamide, n-pentyl-	241	C15H31NO	064891-15-2	47





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Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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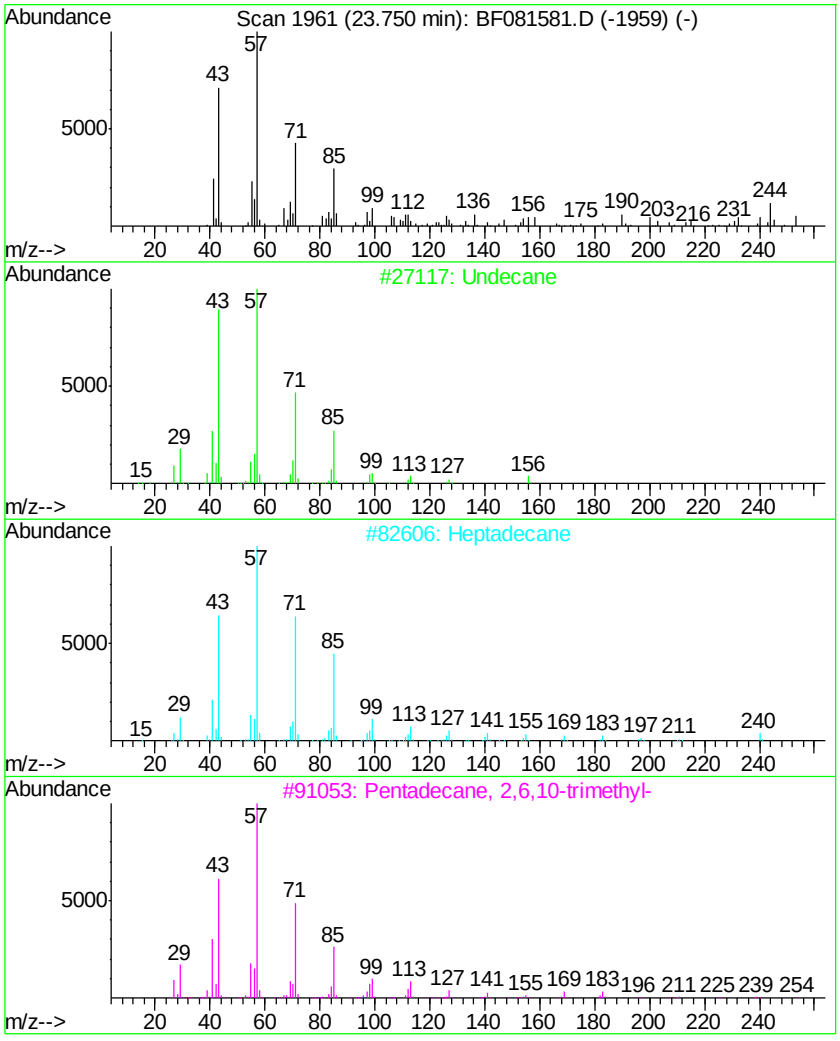
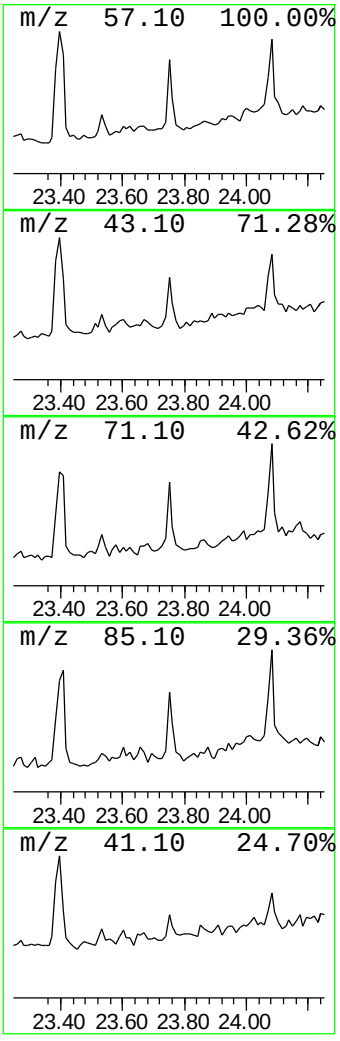
Peak Number 19 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	3.90 ng	45809	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	64
2	Heptadecane	240	C17H36	000629-78-7	62
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	53
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53





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Acq On : 10 Sep 2015 23:24
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Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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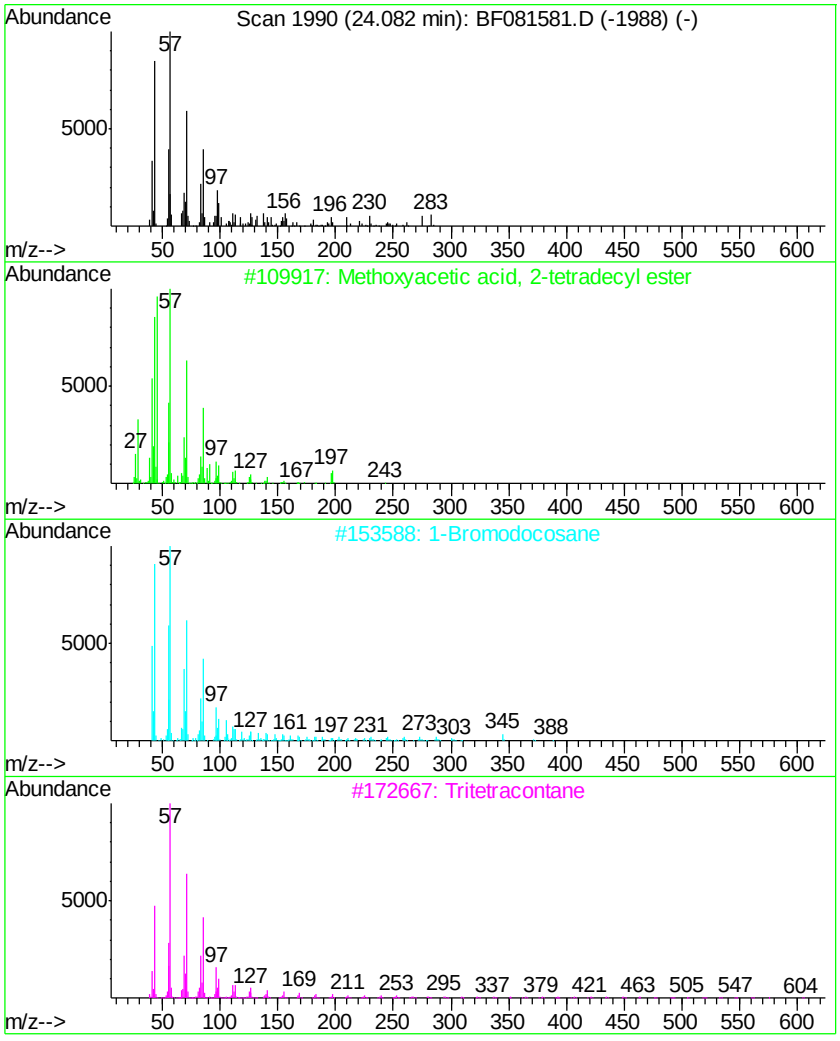
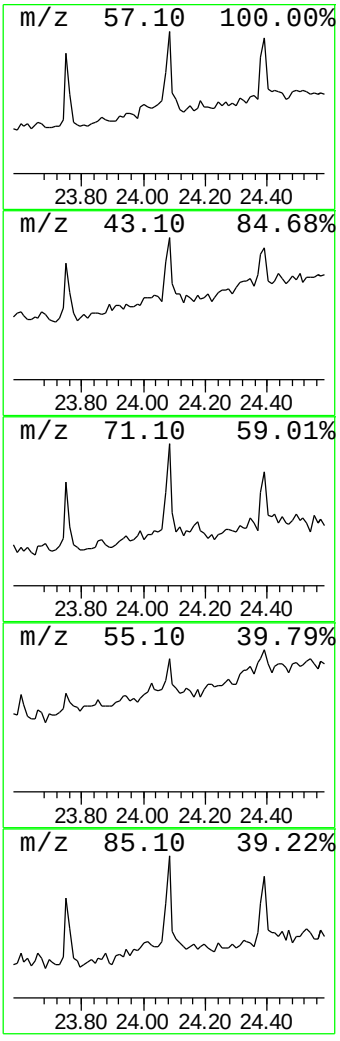
Peak Number 20 Methoxyacetic acid, 2-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	6.47 ng	75911	Chrysene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	74
2	1-Bromodocosane	388	C22H45Br	006938-66-5	72
3	Tritetracontane	605	C43H88	007098-21-7	72
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Hexatriacontane	507	C36H74	000630-06-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081581.D
Acq On : 10 Sep 2015 23:24
Operator : UM/IZ
Sample : G3497-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.61	86.8	ng	1385950	1	8.27	319357	20.0
2-Piperidinecarbo...	7.55	3.9	ng	61700	1	8.27	319357	20.0
unknown7.81	7.81	131.0	ng	2091450	1	8.27	319357	20.0
Benzocycloheptatr...	13.09	3.5	ng	70818	2	11.18	405865	20.0
Naphthalene, 2,3-...	14.55	2.6	ng	48273	3	15.32	365978	20.0
Eicosane	17.85	3.5	ng	57696	4	18.82	332650	20.0
unknown17.89	17.89	3.8	ng	63192	4	18.82	332650	20.0
unknown18.94	18.94	3.0	ng	50091	4	18.82	332650	20.0
Hexadecane	19.98	3.3	ng	54328	4	18.82	332650	20.0
n-Hexadecanoic acid	20.58	14.0	ng	232603	4	18.82	332650	20.0
Octane, 2,4,6-tri...	20.90	2.8	ng	46171	4	18.82	332650	20.0
Heptacosane	21.60	4.0	ng	46994	5	23.43	234698	20.0
Butyraldehyde, se...	21.96	5.3	ng	61980	5	23.43	234698	20.0
Hexadecanoic acid...	22.07	5.0	ng	59008	5	23.43	234698	20.0
n-Butyl laurate	22.97	6.8	ng	79413	5	23.43	234698	20.0
Undecane	23.75	3.9	ng	45809	5	23.43	234698	20.0
Methoxyacetic aci...	24.08	6.5	ng	75911	5	23.43	234698	20.0