

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG021996.D
 Acq On : 22 May 2016 2:38
 Operator : UM/SJ
 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.543	112	120	126	rVB3	6703	13297	0.42%	0.043%
2	6.798	666	674	684	rVB4	11036	30584	0.97%	0.098%
3	7.027	706	713	720	rBV7	5014	13194	0.42%	0.042%
4	7.309	753	761	776	rVB	131610	277297	8.83%	0.887%
5	7.480	780	790	798	rBV	117579	235154	7.49%	0.752%
6	7.685	819	825	833	rVV2	142718	285953	9.11%	0.915%
7	7.762	833	838	848	rVB3	27482	53450	1.70%	0.171%
8	7.973	868	874	879	rVB7	7165	13904	0.44%	0.044%
9	8.120	893	899	901	rBV2	29746	53068	1.69%	0.170%
10	8.161	901	906	920	rVB	113494	252795	8.05%	0.809%
11	8.279	922	926	930	rBV7	7368	13850	0.44%	0.044%
12	8.332	930	935	940	rBV5	10868	20174	0.64%	0.065%
13	8.437	949	953	959	rVB3	12858	21388	0.68%	0.068%
14	8.490	959	962	971	rVB4	9180	18917	0.60%	0.061%
15	8.678	986	994	996	rBV6	15878	35735	1.14%	0.114%
16	8.719	996	1001	1010	rVB6	21629	63768	2.03%	0.204%
17	8.802	1010	1015	1018	rBV4	18097	32671	1.04%	0.105%
18	8.861	1019	1025	1032	rBV	169713	324895	10.35%	1.039%
19	8.996	1043	1048	1064	rVB6	30945	97536	3.11%	0.312%
20	9.160	1064	1076	1077	rBV9	11200	31600	1.01%	0.101%
21	9.260	1083	1093	1099	rBV4	43685	124627	3.97%	0.399%
22	9.331	1099	1105	1109	rVV	130318	282665	9.00%	0.904%
23	9.372	1109	1112	1118	rVB	119053	204735	6.52%	0.655%
24	9.466	1124	1128	1130	rBV3	20856	28775	0.92%	0.092%
25	9.618	1144	1154	1162	rBV5	22923	68965	2.20%	0.221%
26	9.712	1163	1170	1173	rBV8	10854	26281	0.84%	0.084%
27	9.789	1179	1183	1190	rVB6	28534	52909	1.69%	0.169%
28	9.889	1190	1200	1211	rVB6	63576	175024	5.58%	0.560%
29	10.053	1216	1228	1239	rBV2	112699	365743	11.65%	1.170%
30	10.153	1239	1245	1250	rVV3	69149	132211	4.21%	0.423%
31	10.206	1250	1254	1262	rVB5	21958	50927	1.62%	0.163%
32	10.294	1264	1269	1276	rVB4	32229	68715	2.19%	0.220%
33	10.376	1277	1283	1289	rBV7	50011	107369	3.42%	0.343%
34	10.476	1296	1300	1305	rBV4	20696	36710	1.17%	0.117%

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35	10.541	1306	1311	1315	rBV7	19144	44439	1.42%	0.142%
36	10.594	1315	1320	1328	rVB	164293	321863	10.25%	1.030%
37	10.682	1328	1335	1340	rVB8	31277	73720	2.35%	0.236%
38	10.747	1341	1346	1352	rBV4	30202	64009	2.04%	0.205%
39	10.823	1355	1359	1361	rBV4	15186	24195	0.77%	0.077%
40	10.858	1362	1365	1370	rVB3	18269	26984	0.86%	0.086%
41	10.929	1371	1377	1381	rBV	256124	474036	15.10%	1.516%
42	10.982	1381	1386	1393	rVB	216097	431583	13.75%	1.381%
43	11.111	1401	1408	1416	rVB	310205	623726	19.87%	1.995%
44	11.181	1416	1420	1426	rBV5	27605	51682	1.65%	0.165%
45	11.393	1451	1456	1461	rBV6	27886	51969	1.66%	0.166%
46	11.463	1461	1468	1473	rVB4	45116	100422	3.20%	0.321%
47	11.663	1492	1502	1508	rBV8	90723	268459	8.55%	0.859%
48	11.792	1519	1524	1531	rBV4	70889	129585	4.13%	0.415%
49	11.869	1532	1537	1546	rVB6	70647	168637	5.37%	0.539%
50	11.975	1548	1555	1560	rBV	271919	486891	15.51%	1.558%
51	12.016	1560	1562	1567	rVB3	47937	66128	2.11%	0.212%
52	12.157	1582	1586	1592	rVB5	52169	91351	2.91%	0.292%
53	12.239	1593	1600	1605	rBV7	54640	141320	4.50%	0.452%
54	12.362	1615	1621	1629	rBV2	361441	639043	20.36%	2.044%
55	12.580	1654	1658	1662	rVB4	59933	103863	3.31%	0.332%
56	12.762	1685	1689	1693	rBV4	31191	61724	1.97%	0.197%
57	12.838	1699	1702	1713	rVB5	51785	118334	3.77%	0.379%
58	12.991	1723	1728	1733	rBV4	88860	176811	5.63%	0.566%
59	13.056	1736	1739	1743	rVV2	52289	83640	2.66%	0.268%
60	13.167	1755	1758	1763	rVB2	60576	94750	3.02%	0.303%
61	13.308	1776	1782	1790	rVB	367548	633525	20.18%	2.027%
62	13.590	1824	1830	1839	rBV	507642	906880	28.89%	2.901%
63	14.107	1914	1918	1923	rBV4	89133	145596	4.64%	0.466%
64	14.178	1923	1930	1934	rVV	330894	695880	22.17%	2.226%
65	14.242	1935	1941	1946	rVV2	548242	1072559	34.17%	3.431%
66	14.289	1946	1949	1955	rVB5	82301	131288	4.18%	0.420%
67	14.483	1976	1982	1988	rBV	428812	745534	23.75%	2.385%
68	14.613	1999	2004	2007	rBV3	94085	152423	4.86%	0.488%
69	14.660	2007	2012	2020	rVB	605592	972528	30.98%	3.111%
70	14.736	2020	2025	2028	rBV3	112918	228757	7.29%	0.732%
71	14.783	2029	2033	2039	rVB2	324762	577445	18.40%	1.847%

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72	14.989	2063	2068	2078	rVB6	134203	326161	10.39%	1.043%
73	15.159	2093	2097	2103	rBV3	120633	219882	7.00%	0.703%
74	15.400	2134	2138	2143	rBV5	84836	163954	5.22%	0.524%
75	15.606	2168	2173	2178	rVB	689510	982067	31.29%	3.142%
76	15.658	2178	2182	2187	rVB3	87772	146648	4.67%	0.469%
77	15.776	2197	2202	2209	rBV	500144	846578	26.97%	2.708%
78	16.011	2235	2242	2253	rVB	662211	1304568	41.56%	4.173%
79	16.105	2255	2258	2263	rVV4	88638	119371	3.80%	0.382%
80	16.228	2275	2279	2284	rVB2	196664	294046	9.37%	0.941%
81	16.493	2315	2324	2329	rBV	1402850	3138987	100.00%	10.041%
82	16.810	2374	2378	2381	rBV3	86442	141851	4.52%	0.454%
83	17.257	2450	2454	2458	rBV	581340	744025	23.70%	2.380%
84	17.309	2458	2463	2468	rVV	554372	859992	27.40%	2.751%
85	17.533	2496	2501	2506	rBV2	334971	563999	17.97%	1.804%
86	17.633	2512	2518	2524	rVB2	552488	980795	31.25%	3.138%
87	17.868	2555	2558	2562	rBV2	63625	95199	3.03%	0.305%
88	17.920	2563	2567	2575	rVV2	127955	234244	7.46%	0.749%
89	17.997	2575	2580	2588	rVB	489034	704851	22.45%	2.255%
90	18.684	2693	2697	2702	rVB	323402	427068	13.61%	1.366%
91	19.307	2799	2803	2808	rBV	264911	340283	10.84%	1.089%
92	19.906	2897	2905	2916	rVB	691038	1241220	39.54%	3.971%
93	20.406	2986	2990	2996	rVB2	67411	88003	2.80%	0.282%
94	20.905	3071	3075	3080	rVB2	23306	32001	1.02%	0.102%
95	21.422	3158	3163	3171	rVV2	36779	76440	2.44%	0.245%
96	21.810	3222	3229	3242	rBV	338174	654102	20.84%	2.092%
97	23.320	3479	3486	3490	rBV8	6883	15422	0.49%	0.049%
98	23.520	3517	3520	3529	rVB5	8662	16192	0.52%	0.052%
99	24.912	3745	3757	3779	rBV3	337593	1022567	32.58%	3.271%
100	25.141	3783	3796	3811	rBV2	218227	683371	21.77%	2.186%

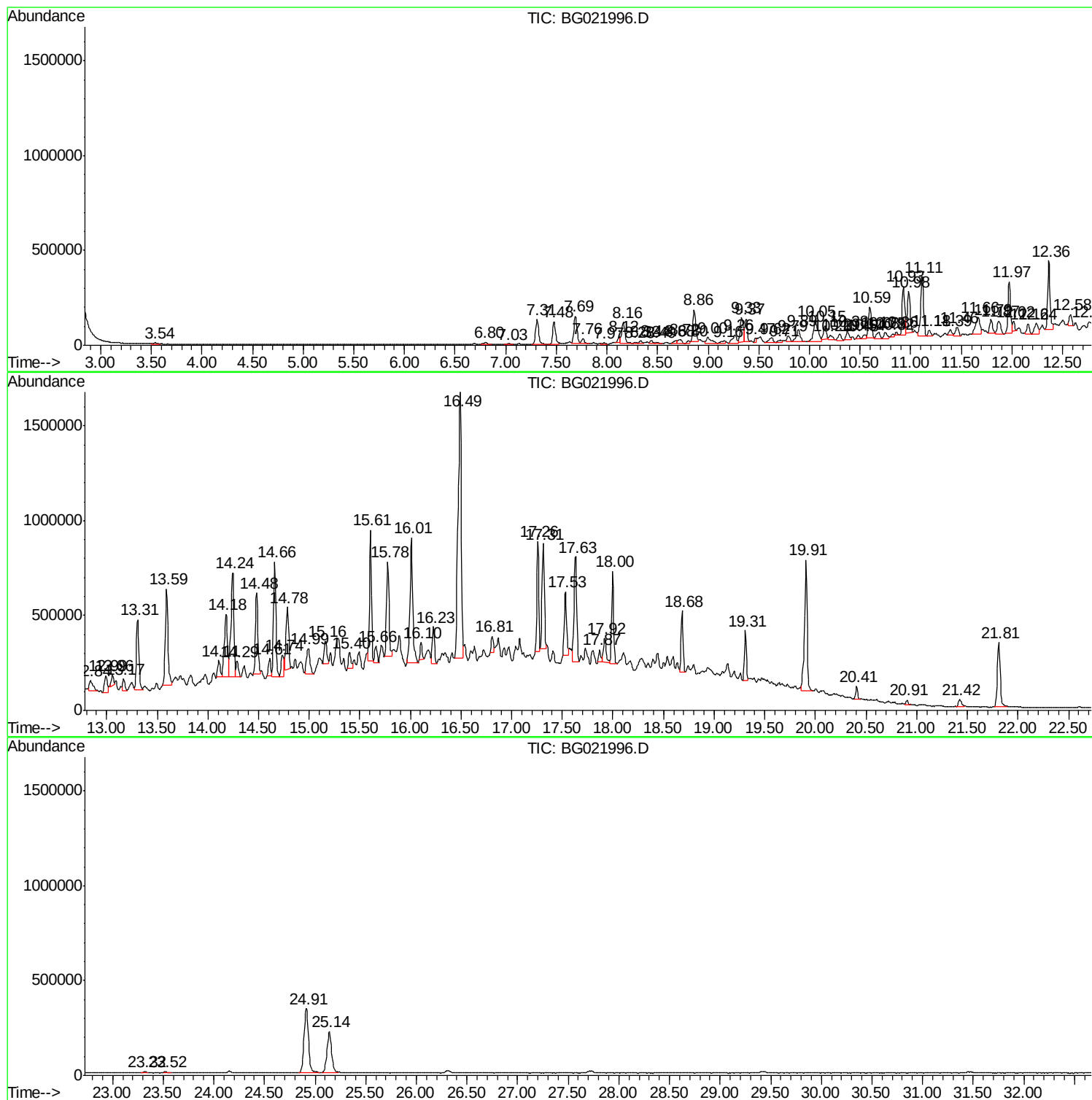
Sum of corrected areas: 31260352

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



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 TIC Integration Parameters: LSCINT.P

 Peak Number 1 Heptane, 3-ethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	2.42 ng/ul	30584	1,4-Dichlorobenzene-d4	8.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptane, 3-ethyl-	128 C9H20	015869-80-4 59
2		Heptane, 4-propyl-	142 C10H22	003178-29-8 45
3		Heptane, 4-(1-methylethyl)-	142 C10H22	052896-87-4 36
4		Heptane, 1,1'-oxybis-	214 C14H30O	000629-64-1 23
5		Heptane, 2-bromo-	178 C7H15Br	001974-04-5 16

 Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.23 ng/ul	53450	1,4-Dichlorobenzene-d4	8.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane	212 C15H32	000629-62-9 83
2		Decane	142 C10H22	000124-18-5 80
3		Hexadecane	226 C16H34	000544-76-3 78
4		Eicosane	282 C20H42	000112-95-8 78
5		Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8 78

 Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.83 ng/ul	35735	1,4-Dichlorobenzene-d4	8.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decane, 5-methyl-	156 C11H24	013151-35-4 37
2		Heptane, 4-ethyl-	128 C9H20	002216-32-2 35
3		Decane, 5-methyl-	156 C11H24	013151-35-4 32
4		Hexane, 2,2,3,3-tetramethyl-	142 C10H22	013475-81-5 25
5		Nonane, 2,5-dimethyl-	156 C11H24	017302-27-1 25

 Peak Number 4 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
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8.72	5.05 ng/ul	63768	1,4-Dichlorobenzene-d4	8.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	37
2	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	37
3	1,2-Cyclohexanediol, 1-methyl-, ...	130	C7H14O2	019534-08-8	32
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	17
5	5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	16

 Peak Number 5 unknown-02 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.			
8.80	2.58 ng/ul	32671	1,4-Dichlorobenzene-d4	8.16			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	47
2			Nonadecane	268	C19H40	000629-92-5	47
3			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	47
4			Decane	142	C10H22	000124-18-5	47
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	47

 Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.00	7.72 ng/ul	97536	1,4-Dichlorobenzene-d4	8.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91

 Peak Number 7 unknown-03 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.16	2.50 ng/ul	31600	1,4-Dichlorobenzene-d4	8.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	38
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	38
4	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	38
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	38

Peak Number 8 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	9.86 ng/ul	124627	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	43
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	43
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	38

Peak Number 9 unknown-05 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.28 ng/ul	28775	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	43
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	43
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43

Peak Number 10 unknown-06 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	3.20 ng/ul	68965	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	38
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	32
3	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	27

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4 4-Undecene, 6-methyl-	168 C12H24	1000061-85-4 27
5 5-Eicosene, (E)-	280 C20H40	074685-30-6 25

 Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.45 ng/ul	52909	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	50
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
4	Heptadecane	240	C17H36	000629-78-7	47
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47

 Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	8.11 ng/ul	175024	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	89
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	86
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70

 Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	6.13 ng/ul	132211	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	64
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	64
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021996.D
Acq On : 22 May 2016 2:38
Operator : UM/SJ
Sample : H3124-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Heptane, 3-ethyl-2-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.21	2.36 ng/ul	50927	Naphthalene-d8		10.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64	
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	53	
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50	
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50	
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	47	

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.29	3.18 ng/ul	68715	Naphthalene-d8	10.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	72	
2	2,3-Dimethyldecane	170	C12H26	017312-44-6	53	
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47	
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	47	
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43	

Peak Number 16 unknown-07 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.38	4.98 ng/ul	107369	Naphthalene-d8	10.98	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	38
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38

Peak Number 17 unknown-08 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
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 Data File : BG021996.D
 Acq On : 22 May 2016 2:38
 Operator : UM/SJ
 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

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

10.54	2.06 ng/ul	44439	Naphthalene-d8	10.98			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[4.2.1.1(2,5)]deca-3,7-d...	176	C11H12O2	070220-88-1	23
2			Cyclohexanone, 4-(benzoyloxy)-, ...	233	C13H15NO3	023968-54-9	12
3			Benzaldehyde, 3-ethoxy-4-(4-meth...	270	C17H18O3	351066-35-8	10
4			Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	10
5			Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	10

 Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.			
10.68	3.42 ng/ul	73720	Naphthalene-d8	10.98			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	27
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	27
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	27
4			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	22
5			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	22

 Peak Number 19 Naphthalene, decahydro-1,5-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.			
10.75	2.97 ng/ul	64009	Naphthalene-d8	10.98			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	53
2			1-Tetradecyne	194	C14H26	000765-10-6	53
3			trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	53
4			Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	53
5			trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	53

 Peak Number 20 (DEL) Alkane: Branched10.93 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.			
10.93	21.97 ng/ul	474036	Naphthalene-d8	10.98			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual

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Data File : BG021996.D
Acq On : 22 May 2016 2:38
Operator : UM/SJ
Sample : H3124-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

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

1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	50

Peak Number 21 unknown-09 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.40 ng/ul	51682	Naphthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, diethylboryloxymethyl-	142	C7H15B02	1000161-35-9	27
2			Cyclohexanecarboxylic acid, 1-cy...	224	C14H24O2	1000279-52-6	27
3			Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	27
4			1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	22
5			Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	22

Peak Number 22 unknown-10 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	2.41 ng/ul	51969	Naphthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(1-Hydroxybut-2-enylidene)cycl...	166	C10H14O2	1000186-18-9	49
2			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	35
3			1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	27
4			Cycloundecene, 1-methyl-	166	C12H22	088828-82-4	25
5			Silane, trimethylphenoxy-	166	C9H14OSi	001529-17-5	18

Peak Number 23 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	4.65 ng/ul	100422	Naphthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	81
3			Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	74

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 Data File : BG021996.D
 Acq On : 22 May 2016 2:38
 Operator : UM/SJ
 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

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

4 6-Tridecene, (E)-	182 C13H26	006434-76-0	74
5 Cyclopentane, 1,2-dibutyl-	182 C13H26	062199-52-4	58

 Peak Number 24 unknown-11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	12.44 ng/ul	268459	Naphthalene-d8	10.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	47
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
4		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
5		1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	46

 Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.01 ng/ul	129585	Naphthalene-d8	10.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	43
3		Heptacosane	380	C27H56	000593-49-7	38
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	38
5		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38

 Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	7.81 ng/ul	168637	Naphthalene-d8	10.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	38
2		Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	38
3		1-Iodoundecane	282	C11H23I	004282-44-4	35
4		Tetradecane	198	C14H30	000629-59-4	35
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	35

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG021996.D
 Acq On : 22 May 2016 2:38
 Operator : UM/SJ
 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	22.56 ng/ul	486891	Napthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 83
2		Octane, 2,3,7-trimethyl-	156 C11H24	062016-34-6 83
3		Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8 72
4		Tridecane, 7-methyl-	198 C14H30	026730-14-3 72
5		Octane, 3,6-dimethyl-	142 C10H22	015869-94-0 72

 Peak Number 28 6-Nitroundec-5-ene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.06 ng/ul	66128	Napthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		6-Nitroundec-5-ene	199 C11H21NO2	1000192-40-3 50
2		3-Methyladipoyl chloride	196 C7H10Cl2O2	044987-62-4 47
3		1,2-Dodecanediol	202 C12H26O2	001119-87-5 43
4		Cyclohexane, 2,4-diisopropyl-1,1...	196 C14H28	1000149-60-5 40
5		3-Hexene, 3-ethyl-2,5-dimethyl-	140 C10H20	062338-08-3 38

 Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	6.55 ng/ul	141320	Napthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		6-Tetradecene, (E)-	196 C14H28	041446-64-4 64
2		7-Tetradecene, (E)-	196 C14H28	041446-63-3 59
3		7-Tetradecene, (Z)-	196 C14H28	041446-60-0 59
4		6-Tridecene, 7-methyl-	196 C14H28	024949-42-6 58
5		6-Tridecene, (E)-	182 C13H26	006434-76-0 58

 Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
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 Data File : BG021996.D
 Acq On : 22 May 2016 2:38
 Operator : UM/SJ
 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

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

12.36	29.61 ng/ul	639043	Napthalene-d8	10.98			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	72
4			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
5			Tridecane	184	C13H28	000629-50-5	62

 Peak Number 31 1,1'-Bicyclohexyl Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.			
12.76	2.86 ng/ul	61724	Napthalene-d8	10.98			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	50
2			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	50
3			2-Propyn-1-amine, N,N-dimethyl-	83	C5H9N	007223-38-3	38
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27
5			(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	22

 Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.99	6.12 ng/ul	176811	Acenaphthene-d10		14.78		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	38
2			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	27
3			Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	22
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	22
5			Hexadecane	226	C16H34	000544-76-3	14

 Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.			
13.17	3.28 ng/ul	94750	Acenaphthene-d10	14.78			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual

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 Data File : BG021996.D
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 Operator : UM/SJ
 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

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

1	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	72
2	Nonacosane	408	C29H60	000630-03-5	64
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
5	Undecane, 4-ethyl-	184	C13H28	017312-59-3	59

 Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	21.94 ng/ul	633525	Acenaphthene-d10	14.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58

 Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	31.41 ng/ul	906880	Acenaphthene-d10	14.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Nonadecane	268	C19H40	000629-92-5	87
4			Eicosane	282	C20H42	000112-95-8	86
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83

 Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	33.68 ng/ul	972528	Acenaphthene-d10	14.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
2			Hexadecane	226	C16H34	000544-76-3	78
3			Eicosane	282	C20H42	000112-95-8	72

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG021996.D
 Acq On : 22 May 2016 2:38
 Operator : UM/SJ
 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

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

4 Tetradecane	198 C14H30	000629-59-4	72
5 Hexadecane	226 C16H34	000544-76-3	64

 Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	7.62 ng/ul	219882	Acenaphthene-d10	14.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	68
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
3		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53
4		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	52
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52

 Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	34.01 ng/ul	982067	Acenaphthene-d10	14.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	86
5		Hexadecane	226	C16H34	000544-76-3	81

 Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.08 ng/ul	146648	Acenaphthene-d10	14.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	64
2		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	64
3		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	55
4		1-Tridecene	182	C13H26	002437-56-1	49
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	43

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 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.01	45.18 ng/ul	1304570	Acenaphthene-d10	14.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Heptacosane	380	C27H56	000593-49-7	86
3	Undecane	156	C11H24	001120-21-4	83
4	Octacosane	394	C28H58	000630-02-4	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80

 Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.11	4.13 ng/ul	119371	Acenaphthene-d10		14.78		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53
2			Tridecane	184	C13H28	000629-50-5	49
3			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	46
4			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	43
5			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	43

 Peak Number 42 (DEL) Alkane: Branched16.23 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.23	10.43 ng/ul	294046	Phenanthrene-d10	17.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, decyl-	224	C16H32	001795-16-0	87
2	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	80
3	n-Nonylcyclohexane	210	C15H30	002883-02-5	74
4	Cyclohexane, decyl-	224	C16H32	001795-16-0	72
5	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	72

 Peak Number 43 (DEL) Alkane: Branched16.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
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 TIC Integration Parameters: LSCINT.P

16.49	111.31 ng/ul	3138990	Phenanthrene-d10	17.53		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	94
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
4		Tridecane	184	C13H28	000629-50-5	72
5		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72

 Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.81	5.03 ng/ul	141851	Phenanthrene-d10	17.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	62
2	Undecane	156	C11H24	001120-21-4	62
3	Tridecane	184	C13H28	000629-50-5	62
4	Tridecane	184	C13H28	000629-50-5	59
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	55

 Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.26	26.38 ng/ul	744025	Phenanthrene-d10	17.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90

 Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.31	30.50 ng/ul	859992	Phenanthrene-d10	17.53		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
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TIC Integration Parameters: LSCINT.P

1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Tetracosane	338	C24H50	000646-31-1	86

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	8.31 ng/ul	234244	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Pentadecane	212	C15H32	000629-62-9	76
3			Tetratriacontane	479	C34H70	014167-59-0	72
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	70
5			Hexadecane	226	C16H34	000544-76-3	68

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	24.99 ng/ul	704851	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Hexadecane	226	C16H34	000544-76-3	83
5			Eicosane	282	C20H42	000112-95-8	83

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	15.14 ng/ul	427068	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	91

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 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
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 TIC Integration Parameters: LSCINT.P

4 Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4 90
5 Hexadecane	226 C16H34	000544-76-3 90

 Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	12.07 ng/ul	340283	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane	240	C17H36	000629-78-7	74
3	Pentadecane	212	C15H32	000629-62-9	74
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
5	Pentadecane	212	C15H32	000629-62-9	72

 Peak Number 51 (DEL) Alkane: Branched20.41 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	2.69 ng/ul	88003	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83

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 Sample : H3124-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane, 3-ethyl-	6.80	2.4	ng/ul	30584	1	8.16	252795	20.0
(DEL) Alkane: Str...	7.76	4.2	ng/ul	53450	1	8.16	252795	20.0
(DEL) Alkane: Str...	8.68	2.8	ng/ul	35735	1	8.16	252795	20.0
unknown-01	8.72	5.0	ng/ul	63768	1	8.16	252795	20.0
unknown-02	8.80	2.6	ng/ul	32671	1	8.16	252795	20.0
(DEL) Alkane: Str...	9.00	7.7	ng/ul	97536	1	8.16	252795	20.0
unknown-03	9.16	2.5	ng/ul	31600	1	8.16	252795	20.0
unknown-04	9.26	9.9	ng/ul	124627	1	8.16	252795	20.0
unknown-05	9.47	2.3	ng/ul	28775	1	8.16	252795	20.0
unknown-06	9.62	3.2	ng/ul	68965	2	10.98	431583	20.0
(DEL) Alkane: Str...	9.79	2.5	ng/ul	52909	2	10.98	431583	20.0
(DEL) Alkane: Str...	9.89	8.1	ng/ul	175024	2	10.98	431583	20.0
(DEL) Alkane: Str...	10.15	6.1	ng/ul	132211	2	10.98	431583	20.0
Heptane, 3-ethyl-...	10.21	2.4	ng/ul	50927	2	10.98	431583	20.0
(DEL) Alkane: Str...	10.29	3.2	ng/ul	68715	2	10.98	431583	20.0
unknown-07	10.38	5.0	ng/ul	107369	2	10.98	431583	20.0
unknown-08	10.54	2.1	ng/ul	44439	2	10.98	431583	20.0
(DEL) Alkane: Str...	10.68	3.4	ng/ul	73720	2	10.98	431583	20.0
Naphthalene, deca...	10.75	3.0	ng/ul	64009	2	10.98	431583	20.0
(DEL) Alkane: Bra...	10.93	22.0	ng/ul	474036	2	10.98	431583	20.0
unknown-09	11.18	2.4	ng/ul	51682	2	10.98	431583	20.0
unknown-10	11.39	2.4	ng/ul	51969	2	10.98	431583	20.0
Cyclohexane, 2-bu...	11.46	4.7	ng/ul	100422	2	10.98	431583	20.0
unknown-11	11.66	12.4	ng/ul	268459	2	10.98	431583	20.0
(DEL) Alkane: Str...	11.79	6.0	ng/ul	129585	2	10.98	431583	20.0
(DEL) Alkane: Str...	11.87	7.8	ng/ul	168637	2	10.98	431583	20.0
(DEL) Alkane: Str...	11.97	22.6	ng/ul	486891	2	10.98	431583	20.0
6-Nitroundec-5-ene	12.02	3.1	ng/ul	66128	2	10.98	431583	20.0
(DEL) Alkane: Str...	12.24	6.5	ng/ul	141320	2	10.98	431583	20.0
(DEL) Alkane: Str...	12.36	29.6	ng/ul	639043	2	10.98	431583	20.0
1,1'-Bicyclohexyl	12.76	2.9	ng/ul	61724	2	10.98	431583	20.0
(DEL) Alkane: Str...	12.99	6.1	ng/ul	176811	3	14.78	577445	20.0
(DEL) Alkane: Str...	13.17	3.3	ng/ul	94750	3	14.78	577445	20.0
(DEL) Alkane: Str...	13.31	21.9	ng/ul	633525	3	14.78	577445	20.0
(DEL) Alkane: Str...	13.59	31.4	ng/ul	906880	3	14.78	577445	20.0
(DEL) Alkane: Str...	14.66	33.7	ng/ul	972528	3	14.78	577445	20.0
(DEL) Alkane: Str...	15.16	7.6	ng/ul	219882	3	14.78	577445	20.0
(DEL) Alkane: Str...	15.61	34.0	ng/ul	982067	3	14.78	577445	20.0
(DEL) Alkane: Str...	15.66	5.1	ng/ul	146648	3	14.78	577445	20.0
(DEL) Alkane: Str...	16.01	45.2	ng/ul	1304570	3	14.78	577445	20.0
(DEL) Alkane: Str...	16.11	4.1	ng/ul	119371	3	14.78	577445	20.0
(DEL) Alkane: Bra...	16.23	10.4	ng/ul	294046	4	17.53	563999	20.0
(DEL) Alkane: Bra...	16.49	111.3	ng/ul	3138990	4	17.53	563999	20.0
(DEL) Alkane: Str...	16.81	5.0	ng/ul	141851	4	17.53	563999	20.0
(DEL) Alkane: Str...	17.26	26.4	ng/ul	744025	4	17.53	563999	20.0
(DEL) Alkane: Str...	17.31	30.5	ng/ul	859992	4	17.53	563999	20.0
(DEL) Alkane: Str...	17.92	8.3	ng/ul	234244	4	17.53	563999	20.0
(DEL) Alkane: Str...	18.00	25.0	ng/ul	704851	4	17.53	563999	20.0
(DEL) Alkane: Str...	18.68	15.1	ng/ul	427068	4	17.53	563999	20.0

(DEL) Alkane: Str...	19.31	12.1 ng/ul	340283	4	17.53	563999	20.0
(DEL) Alkane: Bra...	20.41	2.7 ng/ul	88003	5	21.81	654102	20.0

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