LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020482.D
Acq On : 30 May 2024 11:31
Operator : MA/JU
Sample : P2252-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP020482.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	4	8	20	rVB	280055	334086	2.19%	0.113%
2	5.363	396	404	414	rBV	3297557	4821166	31.58%	1.630%
3	6.916	659	668	678	rBV	3156830	5050559	33.08%	1.708%
4	7.322	729	737	747	rBV	6787183	11311406	74.09%	3.824%
5	7.757	803	811	813	rBV	819088	1331354	8.72%	0.450%
6	7.793	813	817	826	rVB	3469226	5216574	34.17%	1.764%
7	8.104	860	870	878	rBV	4125215	6740229	44.15%	2.279%
8	8.275	890	899	908	rBV	1493856	3728308	24.42%	1.261%
9	8.822	981	992	998	rBV	1156400	1887515	12.36%	0.638%
10	8.899	998	1005	1008	rVV	1809894	3247318	21.27%	1.098%
11	8.952	1008	1014	1028	rVB	6347394	11363745	74.43%	3.842%
12	9.469	1091	1102	1110	rBV	3542370	5810597	38.06%	1.965%
13	9.646	1121	1132	1142	rBV	2360239	4043118	26.48%	1.367%
14	10.175	1214	1222	1236	rBV	5001882	8072460	52.87%	2.729%
15	10.393	1250	1259	1269	rVB	8560091	15268096	100.00%	5.162%
16	10.534	1272	1283	1289	rBV	956420	1652168	10.82%	0.559%
17	10.863	1331	1339	1353	rVB	4294983	6880264	45.06%	2.326%
18	11.804	1487	1499	1517	rBV	5560595	10320288	67.59%	3.489%
19	12.193	1555	1565	1574	rBV	1555899	2797544	18.32%	0.946%
20	12.792	1660	1667	1686	rBV	4384484	6556961	42.95%	2.217%
21	13.004	1696	1703	1710	rVB	5040716	7013451	45.94%	2.371%
22	13.251	1733	1745	1756	rVB	4909648	8810133	57.70%	2.979%
23	13.851	1840	1847	1852	rBV	6941920	9739260	63.79%	3.293%
24	14.104	1884	1890	1898	rVB	2416166	3512719	23.01%	1.188%
25	14.387	1929	1938	1943	rBV	1292790	1834622	12.02%	0.620%
26	14.451	1943	1949	1959	rVB	2022041	3187678	20.88%	1.078%
27	14.598	1966	1974	1990	rBV	3394091	4939992	32.35%	1.670%
28	14.798	2000	2008	2018	rVB	3522419	5526105	36.19%	1.868%
29	15.010	2038	2044	2065	rVB	1476913	1917834	12.56%	0.648%
30	15.245	2073	2084	2089	rBV	8999993	12349432	80.88%	4.175%
31	15.457	2111	2120	2131	rVB	8898302	14323485	93.81%	4.843%
32	15.710	2157	2163	2168	rBV	164695	244352	1.60%	0.083%
33	15.904	2188	2196	2208	rBV	2707437	3997967	26.19%	1.352%
34	16.375	2269	2276	2283	rVB	5066221	7274660	47.65%	2.460%
35	16.828	2346	2353	2367	rBV	2231605	3184732	20.86%	1.077%
36	17.198	2410	2416	2423	rBV	1289797	1924100	12.60%	0.651%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020482.D
Acq On : 30 May 2024 11:31
Operator : MA/JU
Sample : P2252-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.333	2431	2439	2451	rVB	3721511	5695362	37.30%	1.926%
38	17.622	2480	2488	2500	rBV	4312083	6062473	39.71%	2.050%
39	18.227	2586	2591	2599	rVB	6997650	8739387	57.24%	2.955%
40	19.327	2772	2778	2789	rVB	3439534	4913087	32.18%	1.661%
41	19.927	2874	2880	2889	rBV	7120859	9152862	59.95%	3.095%
42	20.680	3003	3008	3018	rBV	11583553	12950847	84.82%	4.379%
43	21.345	3116	3121	3128	rBV2	288365	489827	3.21%	0.166%
44	21.651	3166	3173	3186	rVB	1227957	2222861	14.56%	0.752%
45	22.604	3331	3335	3343	rVB2	100700	169668	1.11%	0.057%
46	24.021	3566	3576	3593	rVB	3912073	9390611	61.50%	3.175%
47	24.239	3608	3613	3626	rVB	249738	561840	3.68%	0.190%
48	24.857	3708	3718	3732	rBV	1876311	4862452	31.85%	1.644%
49	25.009	3734	3744	3765	rVB	860509	2600313	17.03%	0.879%
50	26.527	3993	4002	4012	rBV2	196887	637714	4.18%	0.216%
51	28.827	4378	4393	4394	rBV	1184569	3319713	21.74%	1.122%
52	28.945	4402	4413	4435	rVB	2905531	12481058	81.75%	4.220%
53	30.003	4575	4593	4595	rBV2	1641487	5309519	34.78%	1.795%

Sum of corrected areas: 295773872

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
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Acq On : 30 May 2024 11:31
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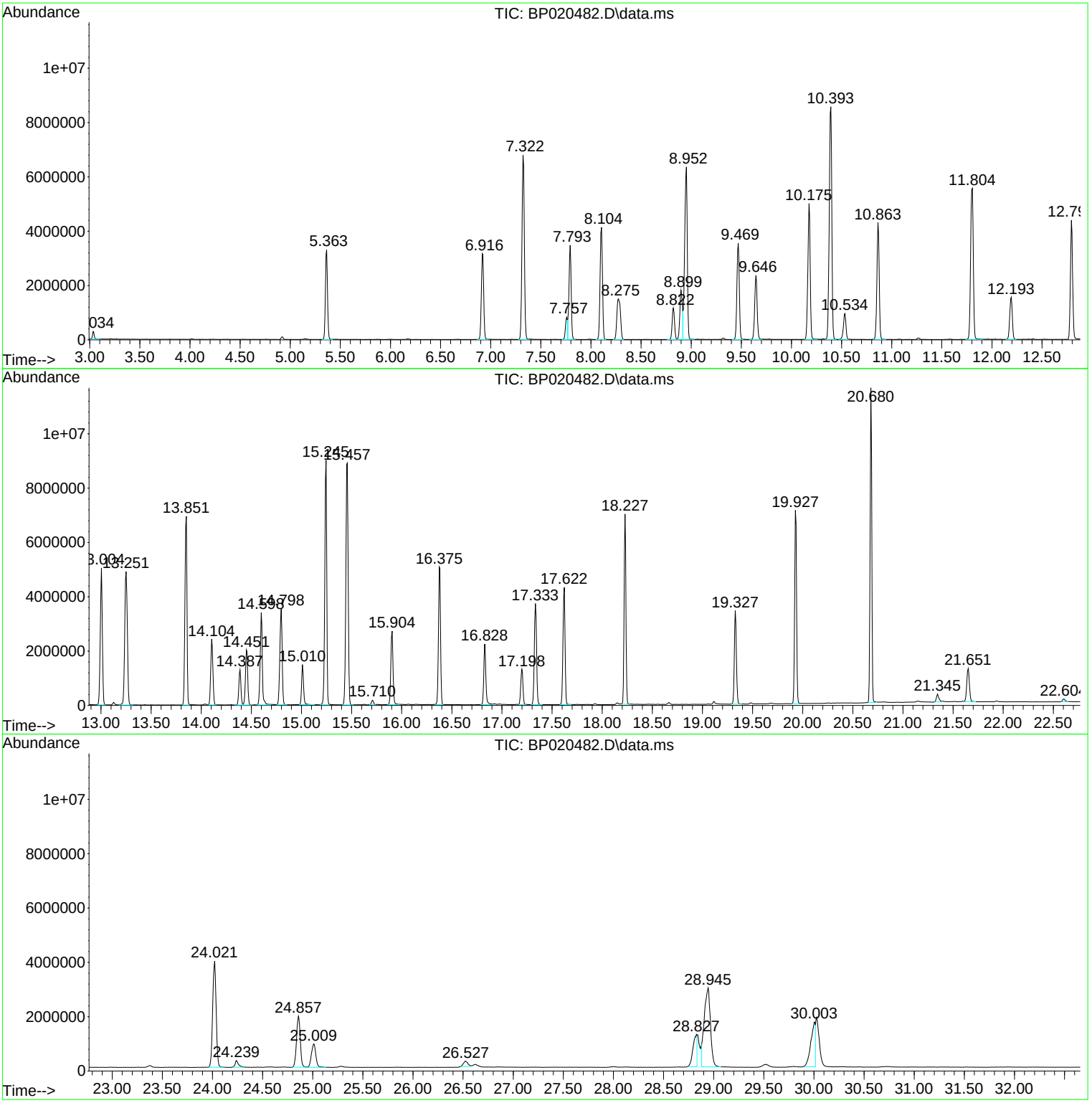
Sample : P2252-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020482.D
Acq On : 30 May 2024 11:31
Operator : MA/JU
Sample : P2252-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

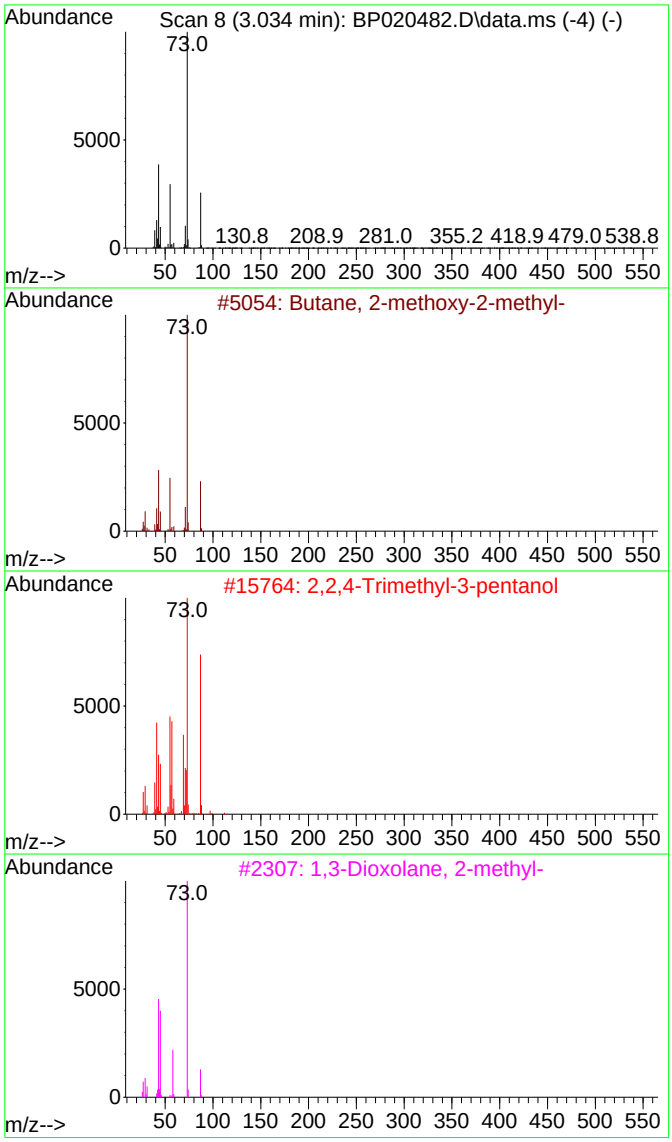
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

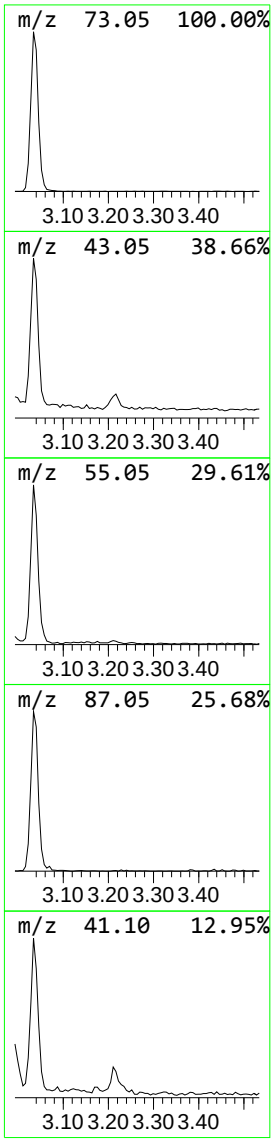
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.034	5.02 ng	334086	1,4-Dichlorobenzene-d4	7.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020482.D
Acq On : 30 May 2024 11:31
Operator : MA/JU
Sample : P2252-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

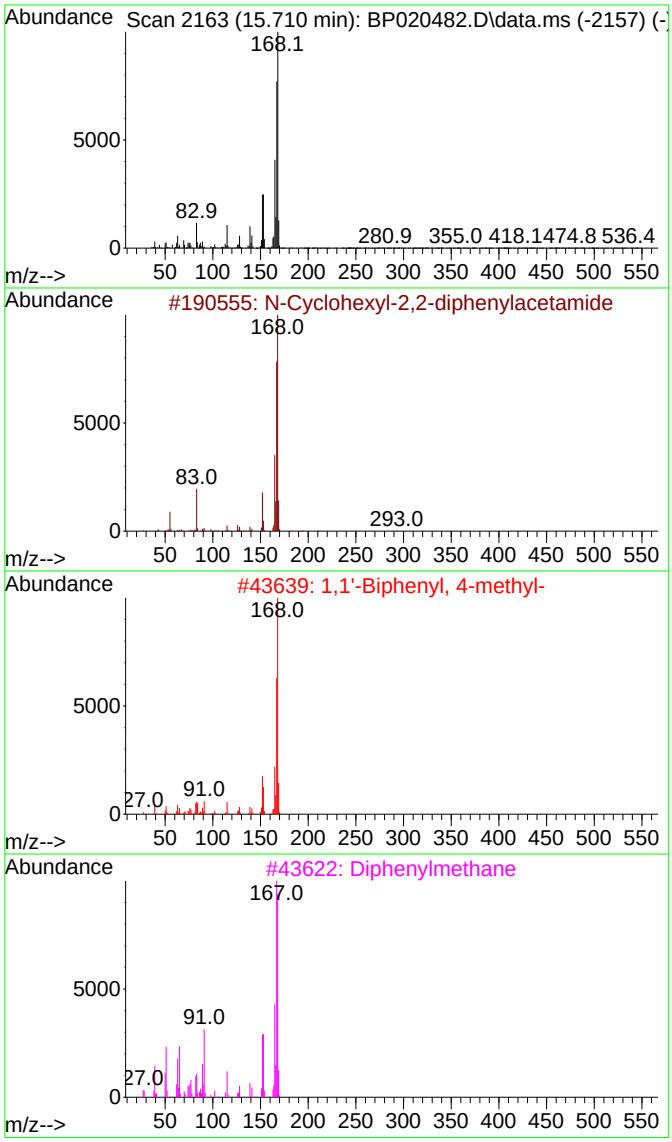
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

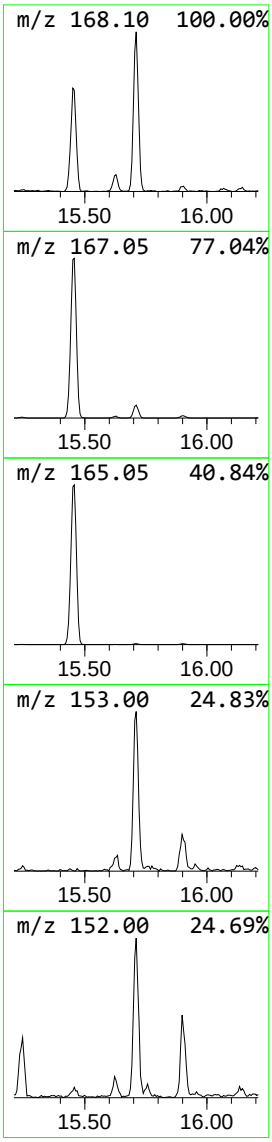
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 N-Cyclohexyl-2,2-diphenylac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.710	2.66 ng	244352	Acenaphthene-d10	14.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Cyclohexyl-2,2-diphenylacetamide	293	C20H23NO	024932-56-7	93
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	91
3	Diphenylmethane	168	C13H12	000101-81-5	91
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
5	Nordiphenamid	225	C15H15NO	000954-21-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020482.D
Acq On : 30 May 2024 11:31
Operator : MA/JU
Sample : P2252-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

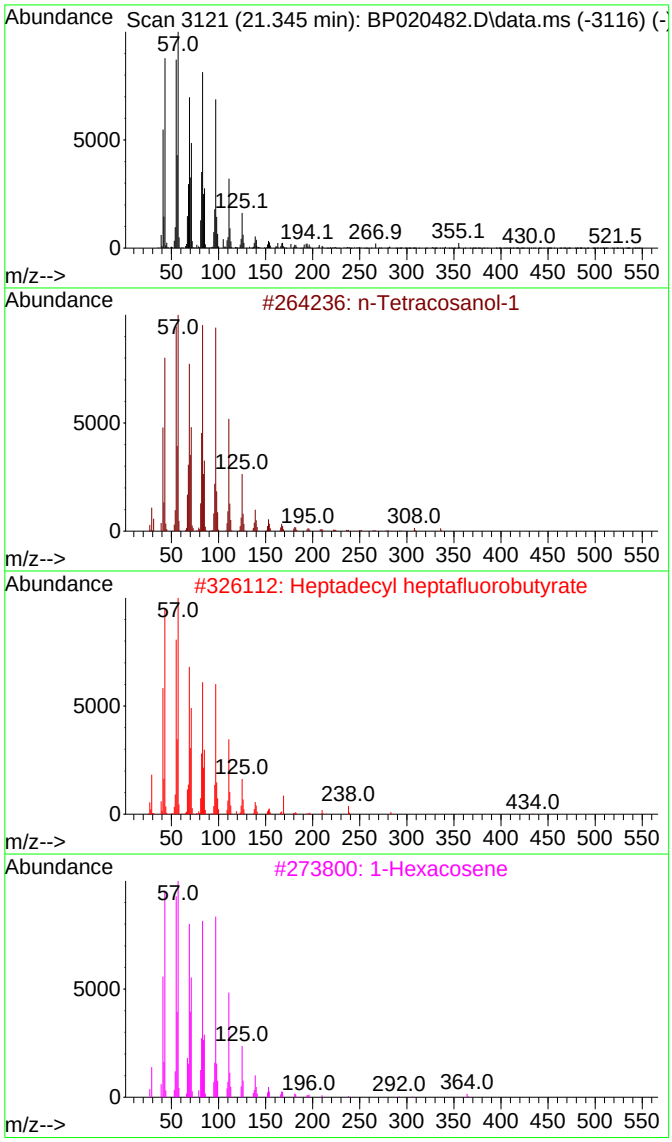
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

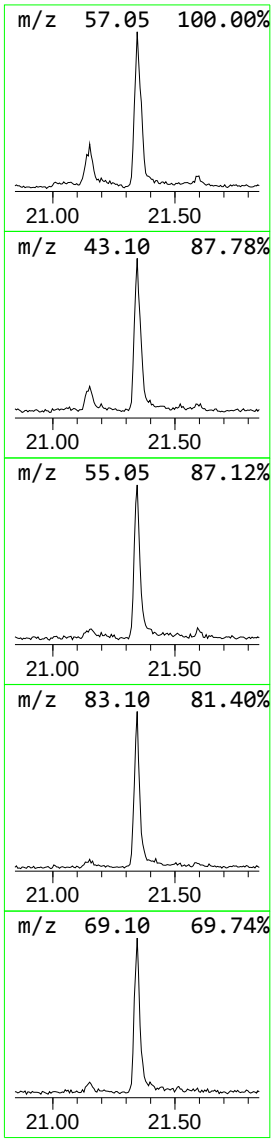
****

Peak Number 3 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	4.41 ng	489827	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Octacosanol	410	C28H58O	000557-61-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020482.D
Acq On : 30 May 2024 11:31
Operator : MA/JU
Sample : P2252-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

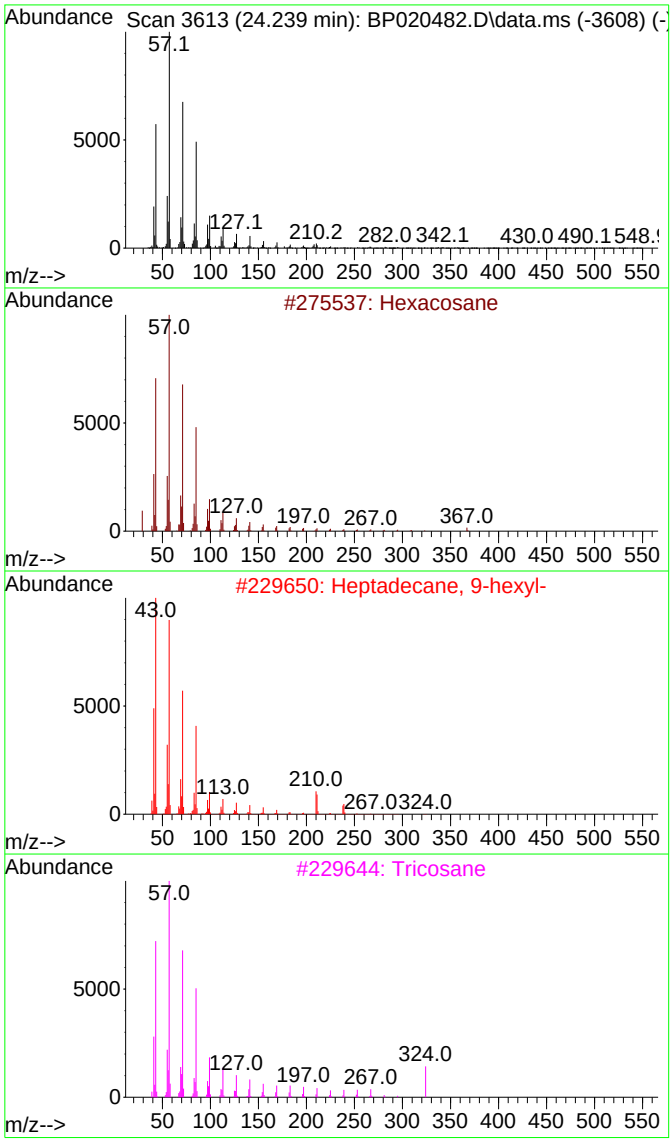
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

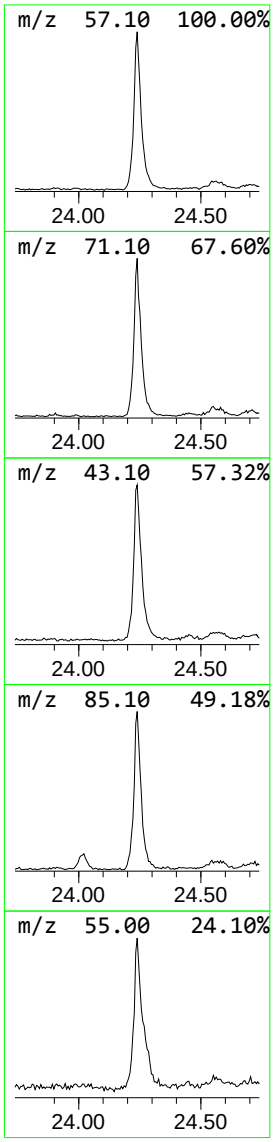
****

Peak Number 4 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.239	4.32 ng	561840	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3	Tricosane	324	C23H48	000638-67-5	91
4	Octacosane	394	C28H58	000630-02-4	90
5	9-Methylheneicosane	310	C22H46	070475-51-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020482.D
Acq On : 30 May 2024 11:31
Operator : MA/JU
Sample : P2252-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

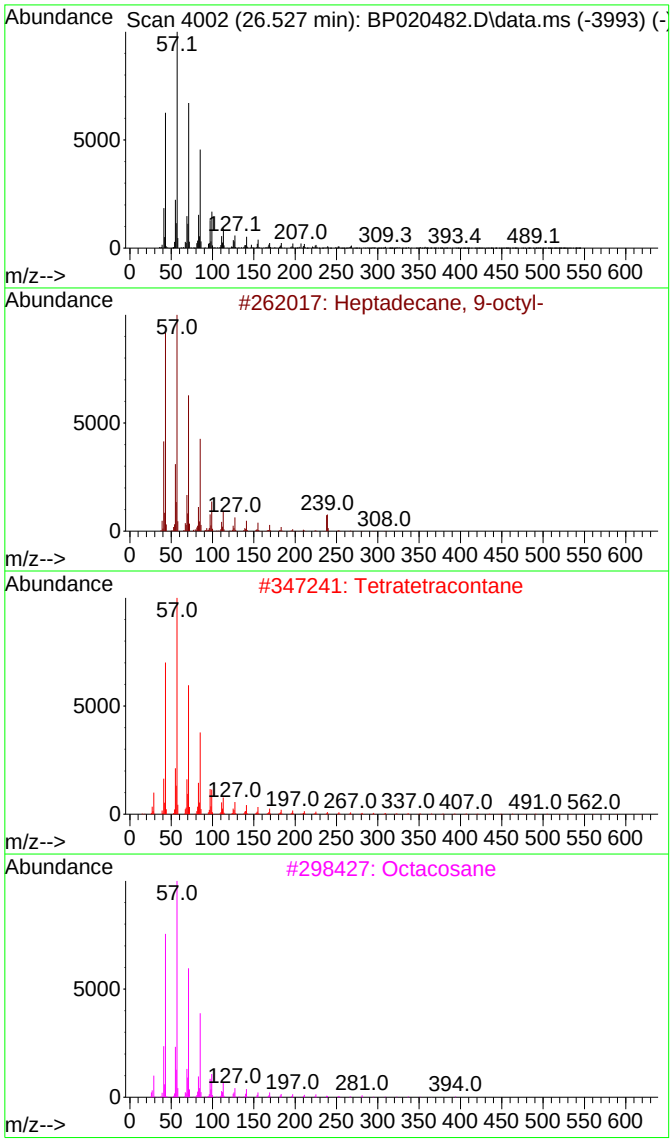
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

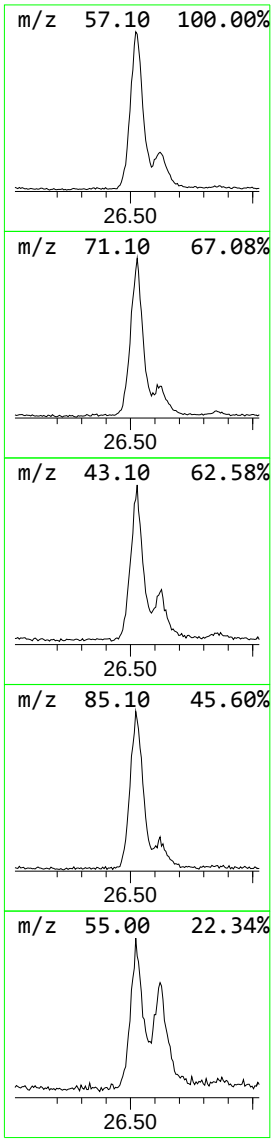
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.527	4.90 ng	637714	Perylene-d12	25.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	91
5	Heptadecane	240	C17H36	000629-78-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020482.D
Acq On : 30 May 2024 11:31
Operator : MA/JU
Sample : P2252-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.034	5.0	ng	334086	1	7.757	1331350	20.0
N-Cyclohexyl-2,...	15.710	2.7	ng	244352	3	14.387	1834620	20.0
n-Tetracosanol-1	21.345	4.4	ng	489827	5	21.651	2222860	20.0
Hexacosane	24.239	4.3	ng	561840	6	25.009	2600310	20.0
Heptadecane, 9-...	26.527	4.9	ng	637714	6	25.009	2600310	20.0